

SEQUENCE LISTING

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<120> ANTI-TNFR2 ANTIBODIES AND METHODS OF USE

<130> APEX-025/04W0

<150> US 62/901,364

<151> 2019-09-17

<150> US 62/985,509

<151> 2020-03-05

<150> US 63/047,824

<151> 2020-07-02

<150> US 63/058,016

<151> 2020-07-29

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<170> PatentIn version 3.5

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Ser Tyr Thr Met Gly

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Glu	Gly	Gly	Tyr	Gly	Gly	Tyr	Asp	Tyr	Thr	Gly	Ile	Phe	Asn	Leu
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Gln	Ala	Thr	Glu	Ser	Ile	Ser	Ser	Trp	Leu	Ala
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Gly	Ala	Ser	Thr	Leu	Glu	Ser
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Gln Gln Gly Tyr Ile Tyr Thr Asn Val Asp Asn Thr
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<400> 7

Ser Tyr Thr Met Gly
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Phe Ile Ser Ser Ser Gly His Thr Tyr Tyr Ala Asn Trp Ala Lys Gly
1 5 10 15

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Asp Gly Gly Tyr Gly Gly Tyr Asp Tyr Thr Gly Ile Phe Asn Leu
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Gln Ala Thr Glu Ser Ile Ser Ser Trp Leu Ala
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Gly Ala Ser Thr Leu Glu Ser
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Ser Tyr Gly Val Asn
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Gly Ile Asn Thr Gly Gly Ser Thr Tyr Tyr Ala Asn Trp Ala Lys Gly
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Thr Ser Gly Asn Asn Val Tyr Asn Tyr Phe Thr Leu
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Gln Ala Ser Gln Ser Ile Pro Ser Leu Leu Ala
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Ala Pro Ser Thr Leu Ala Ser
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Gln Ser Tyr Tyr Tyr Gly Asp Asn Thr Tyr Asn Asn Ile
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Thr Tyr Asp Ile Asn
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Ile	Ile	Tyr	Thr	Gly	Gly	Ile	Thr	Asn	Phe	Ala	Asn	Trp	Ala	Lys	Gly
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Gln His Gly Tyr Thr Gly Thr Asn Val Gln Asn Val
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Asn Tyr Ala Met Gly
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Ser Arg Arg Thr Asp Gly Ile Thr Tyr Tyr Ala Asn Trp Ala Glu Gly
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Asp Val Gly Gly Glu Gly Gly Trp Tyr Phe Asn Leu
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Gln Ala Ser Gln Ser Ile Asn Ile Tyr Leu Ala
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Asp Ala Ser Lys Leu Ala Ser
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Gln Gln Gly Ile Asn Asn Ile Gly
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<400> 31

Asn Tyr Ala Met Gly
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Ser Arg Arg Thr Asp Gly Ile Thr Tyr Tyr Ala Asn Trp Ala Glu Gly
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Asp Val Gly Gly Asp Gly Gly Trp Tyr Phe Asn Leu
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Gln Ala Ser Gln Ser Ile Asn Ile Tyr Leu Ala
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Asp Ala Ser Lys Leu Ala Ser
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Gln Gln Gly Ile Asn Asn Ile Gly
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Ser Tyr Ala Met Gly
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Ala	Asp	Tyr	Gly	Gly	Glu	Thr	Tyr	Ala	Phe	Asp	Pro
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Gln	Ala	Ser	Gln	Ser	Ile	Ser	Ser	Tyr	Leu	Asn
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Ser Ala Ser Thr Leu Ala Ser
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Gln Gln Gly Tyr Ser Asp Ser Asn Ile Asp Asn Val
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Ser His His Met Ile
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Ile Ile Asp Ala Gly Ser Gly Ser Thr Tyr Tyr Ala Ser Trp Ala Lys
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Gly

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Gly Gly Leu Thr Glu Ser Leu Gly Thr Tyr Phe Asp Leu
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Gln Ala Ser Glu Ser Ile Asp Ser Gly Leu Ala
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Asp Ser Ser Thr Leu Ala Ser
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Gln	Ser	Asn	Tyr	Asp	Thr	Gly	Ser	Ser	Val	Tyr	Asp	Trp	Gly	Ser
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Asp	Tyr	Phe	Met	Thr
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Ile	Ile	Asn	Thr	Gly	Gly	Asp	Ser	Tyr	Tyr	Ala	Thr	Trp	Ala	Lys	Gly
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Gln Ala Ser Glu Asn Ile Asn Ser Trp Leu Ala
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Glu Ala Ser Lys Leu Ala Ser
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Gln Gln Gly Tyr Ile Tyr Ile Asp Val Gly Asn Ile
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Val Ser Tyr Trp Ile Cys
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Cys Thr Asp Gly Gly Asp Gly Ser Ser Tyr Tyr Ala Ser Trp Val Asn
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Gly

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Asp Arg Ser Asp Val Phe Asn Leu
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Gln Ala Gly Gln Ser Ile Asp Ser Asn Leu Ala
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Arg Ala Ser Thr Leu Ala Ser
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Gln Ser Phe Tyr Val Thr Ile Ser Ala Met Val Asp Tyr Pro
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Arg Tyr Ala Met Ala
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Tyr Ile Asp Thr Gly Asp Ser Thr Tyr Tyr Ala Thr Trp Ala Lys Gly
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Val Gly Val Arg Met Tyr Leu
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Gln Ala Ser Gln Ser Ile Ser Ser Tyr Leu Ser
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Arg Ala Ser Thr Leu Glu Ser
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Gln Cys Gly Tyr Tyr Gly Gly Ser Tyr Ile Gly Ala
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Ser Tyr Gly Ile Ser
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Tyr Ile Tyr Pro Asp Tyr Gly Ser Thr Asp Tyr Ala Thr Trp Val Asn
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Gly

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Gly Tyr Ala Ser Ser Ser Gly Tyr Tyr Asp Pro Lys Tyr Phe Gly Leu
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Arg Ala Ser Glu Asp Ile Glu Ser Tyr Leu Ala
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Asp Ala Ser Asp Leu Ala Ser
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Gln His Gly Phe Tyr Thr Ser Arg Ser Asp Ser Val
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Ser Tyr Asp Met Ser
1 5

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Tyr Ile Trp Ser Ser Gly Ser Ala Tyr Tyr Ala Thr Trp Ala Glu Gly
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Arg Tyr Val Gly Ser Ser Tyr Asp Thr
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Gln Ser Ser Gln Ser Val Ser Ser Asn Asn Tyr Leu Ser
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Ala Ala Ser Tyr Leu Ala Ser
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Leu Gly Asp Tyr Asp Asn Asp Ile Asp His Ala
1 5 10

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Ser Tyr Ala Met Gly
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Phe	Ile	Asp	Thr	Gly	Gly	Ser	Thr	Tyr	Tyr	Ala	Asn	Trp	Ala	Lys	Gly
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Val	Gly	Ala	Arg	Met	Tyr	Leu
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Gln	Ala	Ser	Gln	Ser	Ile	Ser	Asn	Leu	Leu	Ala
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<400> 83

Arg Ala Ser Thr Leu Glu Ser
1 5

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Gln Cys Ser Tyr Tyr Gly Gly Ser Tyr Ile Gly Ala
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Arg Tyr Tyr Met Ser
1 5

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Tyr Ile Asp Pro Ile Phe Gly Asn Thr Tyr Tyr Ala Ser Trp Val Asn
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Gly

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Asp	Gly	Asp	Ala	Gly	Tyr	Asp	Gly	Tyr	Gly	Tyr	Gly	Thr	Asp	Leu
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<400> 88

Gln	Ala	Ser	Glu	Asn	Ile	Tyr	Ser	Gly	Leu	Ala
1				5					10	

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Ser	Ala	Phe	Thr	Leu	Ala	Ser
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Gln Thr Tyr Tyr Tyr Gly Ser Val Thr Tyr Phe Asn Ala
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<400> 91

Ser His Tyr Met Ile
1 5

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Ile Ile Thr Ser Ser Asp Tyr Ile Tyr Tyr Ala Arg Trp Ala Lys Gly
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Arg

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<400> 93

Tyr Asn Tyr Asp Asp Asp Gly Glu Leu Phe Asn Leu
1 5 10

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<400> 94

Gln Ser Ser Gln Ser Ile Asp Ala Asn Asn Asp Leu Ala
1 5 10

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<400> 95

Leu Ala Ser Lys Leu Ala Ser
1 5

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Leu Gly Gly Tyr Asp Asp Asp Ala Asp Asn Thr
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Asn Asn Tyr Tyr Met Cys
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Cys Ile Tyr Pro Ser Ile Val Gly Pro Thr Tyr Tyr Ala Asn Trp Ala
1 5 10 15

Lys Gly

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Asp Arg Tyr Asp Asp Tyr Gly Asp Tyr Phe Asn Leu
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Gln Ala Ser Gln Ser Ile Tyr Asn Tyr Leu Ser
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Tyr Ala Ser Thr Leu Ala Ser
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Gln Ser Asn Ser Gly Val Asn Gly Asn Arg Tyr Gly Asn Ala
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Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
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Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Ile Asp Leu Ser Ser Tyr
20 25 30

Thr Met Gly Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Gly Phe Ile Ser Ser Ser Gly His Thr Tyr Tyr Ala Asn Trp Ala Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Arg Glu Gly Gly Tyr Gly Gly Tyr Asp Tyr Thr Gly Ile Phe Asn Leu
100 105 110

Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

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<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized light chain sequence

<400> 104

Asp Ile Gln Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ala Thr Glu Ser Ile Ser Ser Trp
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Gly Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Asp Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Ile Tyr Thr Asn
85 90 95

Val Asp Asn Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 105
<211> 123
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized heavy chain sequence

<400> 105

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Ile Asp Leu Ser Ser Tyr
20 25 30

Thr Met Gly Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Gly Phe Ile Ser Ser Ser Gly His Thr Tyr Tyr Ala Asn Trp Ala Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Arg Asp Gly Gly Tyr Gly Gly Tyr Asp Tyr Thr Gly Ile Phe Asn Leu
100 105 110

Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 106
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized light chain sequence

<400> 106

Asp Ile Gln Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ala Thr Glu Ser Ile Ser Ser Trp
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Gly Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Asp Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Ile Tyr Thr Asn
85 90 95

Val Asp Asn Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 107
<211> 120
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized heavy chain sequence

<400> 107

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Leu Asn Ser Tyr
20 25 30

Gly Val Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Gly Gly Ile Asn Thr Gly Gly Ser Thr Tyr Tyr Ala Asn Trp Ala Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Arg Thr Ser Gly Asn Asn Val Tyr Asn Tyr Phe Thr Leu Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 108

<211> 111

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized light chain sequence

<400> 108

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ala Ser Gln Ser Ile Pro Ser Leu
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Ala Pro Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Ser Tyr Tyr Tyr Gly Asp Asn
85 90 95

Thr Tyr Asn Asn Ile Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 109

<211> 124

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized heavy chain sequence

<400> 109

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Leu Ser Thr Tyr
20 25 30

Asp Ile Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Gly Ile Ile Tyr Thr Gly Gly Ile Thr Asn Phe Ala Asn Trp Ala Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Arg Gly Gly Tyr Asp Ser Glu Gly Tyr Val Tyr Pro Asp Ala Phe Asp
100 105 110

Pro Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 110

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized light chain sequence

<400> 110

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ala Ser Glu Ser Ile Ser Asn Leu
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Arg Ala Ser Ile Leu Thr Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln His Gly Tyr Thr Gly Thr Asn
85 90 95

Val Gln Asn Val Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 111
<211> 120
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized heavy chain sequence

<400> 111

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Ile Asp Leu Ser Asn Tyr
20 25 30

Ala Met Gly Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Gly Ser Arg Arg Thr Asp Gly Ile Thr Tyr Tyr Ala Asn Trp Ala Glu
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly
85 90 95

Arg Asp Val Gly Gly Glu Gly Gly Trp Tyr Phe Asn Leu Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 112
<211> 106
<212> PRT
<213> Artificial Sequence

<220>

<223> Made in Lab - humanized light chain sequence

<400> 112

Asp Ile Gln Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ala Ser Gln Ser Ile Asn Ile Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Asp Ala Ser Lys Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Asp Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Gly Ile Asn Asn Ile Gly
85 90 95

Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105

<210> 113

<211> 120

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized heavy chain sequence

<400> 113

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Ile Asp Leu Ser Asn Tyr
20 25 30

Ala Met Gly Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Gly Ser Arg Arg Thr Asp Gly Ile Thr Tyr Tyr Ala Asn Trp Ala Glu
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Gly
85 90 95

Arg Asp Val Gly Gly Asp Gly Gly Trp Tyr Phe Asn Leu Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 114

<211> 106

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized light chain sequence

<400> 114

Asp Ile Gln Met Thr Gln Ser Pro Ser Thr Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ala Ser Gln Ser Ile Asn Ile Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Asp Ala Ser Lys Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Asp Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Gly Ile Asn Asn Ile Gly
85 90 95

Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105

<210> 115
<211> 120
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized heavy chain sequence

<400> 115

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Ile Asp Leu Ser Ser Tyr
20 25 30

Ala Met Gly Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Gly Asp Ile Ser Thr Ser Gly Asn Ala Tyr Tyr Ala Thr Trp Val Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Arg Ala Asp Tyr Gly Gly Glu Thr Tyr Ala Phe Asp Pro Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 116
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized light chain sequence

<400> 116

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ala Ser Gln Ser Ile Ser Ser Tyr
20 25 30

Leu Asn Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Ser Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Ser Asp Ser Asn
85 90 95

Ile Asp Asn Val Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 117
<211> 122
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized heavy chain sequence

<400> 117

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Leu Ser Ser His
20 25 30

His Met Ile Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Gly Ile Ile Asp Ala Gly Ser Gly Ser Thr Tyr Tyr Ala Ser Trp Ala
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Gly Gly Leu Thr Glu Ser Leu Gly Thr Tyr Phe Asp Leu Trp
100 105 110

Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 118

<211> 113

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized light chain sequence

<400> 118

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ala Ser Glu Ser Ile Asp Ser Gly
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Asp Ser Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Ser Asn Tyr Asp Thr Gly Ser
85 90 95

Ser Val Tyr Asp Trp Gly Ser Phe Gly Gly Gly Thr Lys Val Glu Ile
100 105 110

Lys

<210> 119

<211> 123

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized heavy chain sequence

<400> 119

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Leu Ser Asp Tyr
20 25 30

Phe Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Gly Ile Ile Asn Thr Gly Gly Asp Ser Tyr Tyr Ala Thr Trp Ala Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Arg Asp Thr Gly Tyr Gly Gly Tyr Asp Tyr Ala Gly Ser Phe Asp Pro
100 105 110

Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 120

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized light chain sequence

<400> 120

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Val Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ala Ser Glu Asn Ile Asn Ser Trp
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Glu Ala Ser Lys Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Ile Tyr Ile Asp
85 90 95

Val Gly Asn Ile Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 121
<211> 118
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized heavy chain sequence

<400> 121

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Phe Ser Val Ser
20 25 30

Tyr Trp Ile Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
35 40 45

Val Ala Cys Thr Asp Gly Gly Asp Gly Ser Ser Tyr Tyr Ala Ser Trp
50 55 60

Val Asn Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu
65 70 75 80

Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr
85 90 95

Cys Ala Arg Asp Arg Ser Asp Val Phe Asn Leu Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 122
<211> 112

<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized light chain sequence

<400> 122

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ala Gly Gln Ser Ile Asp Ser Asn
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Arg Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Ser Phe Tyr Val Thr Ile Ser
85 90 95

Ala Met Val Asp Tyr Pro Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 123
<211> 115
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized heavy chain sequence

<400> 123

Glu Val Gln Leu Leu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Ile Asp Leu Ser Arg Tyr
20 25 30

Ala Met Ala Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Gly Tyr Ile Asp Thr Gly Asp Ser Thr Tyr Tyr Ala Thr Trp Ala Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Thr
85 90 95

Asn Val Gly Val Arg Met Tyr Leu Trp Gly Gln Gly Thr Leu Val Thr
100 105 110

Val Ser Ser
115

<210> 124
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized light chain sequence

<400> 124

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ala Ser Gln Ser Ile Ser Ser Tyr
20 25 30

Leu Ser Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Arg Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Cys Gly Tyr Tyr Gly Gly Ser
85 90 95

Tyr Ile Gly Ala Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 125

<211> 125

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized heavy chain sequence

<400> 125

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Ile Asp Phe Ser Ser Tyr
20 25 30

Gly Ile Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Tyr Ile Tyr Pro Asp Tyr Gly Ser Thr Asp Tyr Ala Thr Trp Val
50 55 60

Asn Gly Arg Phe Thr Ile Ser Leu Asp Asn Ser Lys Asn Thr Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Ser Gly Tyr Ala Ser Ser Ser Gly Tyr Tyr Asp Pro Lys Tyr Phe
100 105 110

Gly Leu Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 126
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized light chain sequence

<400> 126

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Arg Ala Ser Glu Asp Ile Glu Ser Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Asp Ala Ser Asp Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln His Gly Phe Tyr Thr Ser Arg
85 90 95

Ser Asp Ser Val Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 127
<211> 117
<212> PRT
<213> Artificial Sequence

<220>

<223> Made in Lab - humanized heavy chain sequence

<400> 127

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Leu Ser Ser Tyr
20 25 30

Asp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Gly Tyr Ile Trp Ser Ser Gly Ser Ala Tyr Tyr Ala Thr Trp Ala Glu
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Arg Arg Tyr Val Gly Ser Ser Tyr Asp Thr Trp Gly Gln Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 128

<211> 111

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized light chain sequence

<400> 128

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ser Ser Gln Ser Val Ser Ser Asn
20 25 30

Asn Tyr Leu Ser Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu
35 40 45

Leu Ile Tyr Ala Ala Ser Tyr Leu Ala Ser Gly Val Pro Ser Arg Phe
50 55 60

Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu
65 70 75 80

Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Leu Gly Asp Tyr Asp Asn
85 90 95

Asp Ile Asp His Ala Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 129
<211> 115
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized heavy chain sequence

<400> 129

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Ile Asp Leu Ser Ser Tyr
20 25 30

Ala Met Gly Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Gly Phe Ile Asp Thr Gly Gly Ser Thr Tyr Tyr Ala Asn Trp Ala Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Asn Val Gly Ala Arg Met Tyr Leu Trp Gly Gln Gly Thr Leu Val Thr
100 105 110

Val Ser Ser
115

<210> 130
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized light chain sequence

<400> 130

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ala Ser Gln Ser Ile Ser Asn Leu
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu Leu Ile
35 40 45

Tyr Arg Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Cys Ser Tyr Tyr Gly Gly Ser
85 90 95

Tyr Ile Gly Ala Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 131
<211> 124
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized heavy chain sequence

<400> 131

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Asp Phe Ser Arg Tyr
20 25 30

Tyr Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Gly Tyr Ile Asp Pro Ile Phe Gly Asn Thr Tyr Tyr Ala Ser Trp Val
50 55 60

Asn Gly Arg Phe Thr Ile Ser Ser Asp Asn Ala Lys Asn Ser Leu Tyr
65 70 75 80

Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Asp Gly Asp Ala Gly Tyr Asp Gly Tyr Gly Tyr Gly Thr Asp
100 105 110

Leu Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 132
<211> 111

<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized light chain sequence

<400> 132

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ala Ser Glu Asn Ile Tyr Ser Gly
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Val Pro Lys Leu Leu Ile
35 40 45

Val Ser Ala Phe Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Val Ala Thr Tyr Tyr Cys Gln Thr Tyr Tyr Tyr Gly Ser Val
85 90 95

Thr Tyr Phe Asn Ala Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 133
<211> 120
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized heavy chain sequence

<400> 133

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Leu Asn Ser His
20 25 30

Tyr Met Ile Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45

Gly Ile Ile Thr Ser Ser Asp Tyr Ile Tyr Tyr Ala Arg Trp Ala Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu
65 70 75 80

Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala
85 90 95

Arg Tyr Asn Tyr Asp Asp Asp Gly Glu Leu Phe Asn Leu Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 134
<211> 111
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized light chain sequence

<400> 134

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ser Ser Gln Ser Ile Asp Ala Asn
20 25 30

Asn Asp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Leu
35 40 45

Leu Ile Tyr Leu Ala Ser Lys Leu Ala Ser Gly Val Pro Ser Arg Phe
50 55 60

Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu
65 70 75 80

Gln Pro Glu Asp Phe Ala Thr Tyr Tyr Cys Leu Gly Gly Tyr Asp Asp
85 90 95

Asp Ala Asp Asn Thr Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 135

<211> 123

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - humanized heavy chain sequence

<400> 135

Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Ser Phe Thr Asn Asn
20 25 30

Tyr Tyr Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
35 40 45

Val Gly Cys Ile Tyr Pro Ser Ile Val Gly Pro Thr Tyr Tyr Ala Asn
50 55 60

Trp Ala Lys Gly Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr
65 70 75 80

Leu Tyr Leu Gln Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr
85 90 95

Tyr Cys Val Arg Asp Arg Tyr Asp Asp Tyr Gly Asp Tyr Phe Asn Leu
100 105 110

Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 136
<211> 112
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - humanized light chain sequence

<400> 136

Asp Ile Gln Met Thr Gln Ser Pro Ser Ser Leu Ser Ala Ser Val Gly
1 5 10 15

Asp Arg Val Thr Ile Thr Cys Gln Ala Ser Gln Ser Ile Tyr Asn Tyr
20 25 30

Leu Ser Trp Tyr Gln Gln Lys Pro Gly Lys Ala Pro Lys Arg Leu Ile
35 40 45

Tyr Tyr Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Ser Leu Gln Pro
65 70 75 80

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Ser Asn Ser Gly Val Asn Gly
85 90 95

Asn Arg Tyr Gly Asn Ala Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
100 105 110

<210> 137
<211> 117
<212> PRT
<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 137

Gln Glu Gln Leu Glu Glu Ser Gly Gly Gly Leu Val Gln Pro Glu Gly
1 5 10 15

Ser Leu Ala Leu Thr Cys Lys Ala Ser Gly Phe Ser Phe Ser Val Ser
20 25 30

Tyr Trp Ile Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
35 40 45

Ile Ala Cys Thr Asp Gly Gly Asp Gly Ser Ser Tyr Tyr Ala Ser Trp
50 55 60

Val Asn Gly Arg Phe Thr Ile Ser Lys Ile Ser Ser Thr Thr Val Thr
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Ile Tyr Phe Cys
85 90 95

Ala Arg Asp Arg Ser Asp Val Phe Asn Leu Trp Gly Pro Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 138

<211> 127

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 138

Gln Ser Leu Glu Glu Ser Gly Gly Gly Leu Val Lys Pro Glu Gly Ser
1 5 10 15

Leu Thr Leu Thr Cys Ala Val Ser Gly Phe Asp Leu Asn Ser Tyr Tyr
20 25 30

Trp Ile Cys Trp Ala Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Cys Ile Asp Gly Gly Ser Thr Gly Ser Ala Tyr Tyr Ala Ser Trp
50 55 60

Ala Lys Gly Arg Leu Ser Ile Ser Lys Ala Ser Ser Thr Thr Val Thr
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Val Gln Ser Tyr Val Gly Tyr Ala Asn Tyr Gly Tyr Pro Asn
100 105 110

Tyr Phe Asn Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 139

<211> 129

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 139

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Val Pro Gly Thr Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Asp Leu Ser Ser Phe Tyr
20 25 30

Tyr Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Cys Ile Tyr Ala Val Ser Ser Gly Ser Thr Tyr Tyr Ala Ser Trp
50 55 60

Ala Lys Gly Arg Phe Thr Val Ser Arg Thr Ser Ser Thr Thr Ala Thr
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg His Gln Ser Tyr Glu Thr Tyr Gly Tyr Val Gly Val Val Tyr
100 105 110

Ala Thr Tyr Phe Ser Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser
115 120 125

Ser

<210> 140

<211> 121

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 140

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Ala Ser
1 5 10 15

Leu Thr Leu Thr Cys Lys Ala Ser Gly Phe Ser Phe Ser Ser Gly His
20 25 30

Asp Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Cys Ile Tyr Pro Asp Tyr Asp Ile Thr Asp Tyr Ala Ser Trp Val
50 55 60

Asn Gly Arg Phe Thr Ile Ser Leu Asp Asn Ala Gln Asn Thr Val Phe
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Ser Gly Tyr Gly Gly Phe Arg Tyr Gly Phe Asn Leu Trp Gly
100 105 110

Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 141

<211> 125

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 141

Gln Glu Gln Leu Val Glu Ser Gly Gly Gly Leu Val Thr Leu Gly Gly
1 5 10 15

Ser Leu Lys Leu Ser Cys Lys Ala Ser Gly Ile Asp Phe Ser Ser Tyr
20 25 30

Gly Ile Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Tyr Ile Tyr Pro Asp Tyr Gly Ser Thr Asp Tyr Ala Thr Trp Val
50 55 60

Asn Gly Arg Phe Thr Ile Ser Leu Asp Asn Ala Gln Asn Thr Val Phe
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Ser Gly Tyr Ala Ser Ser Ser Gly Tyr Tyr Asp Pro Lys Tyr Phe
100 105 110

Gly Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 142
<211> 112
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 142

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Ala Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Ile Asp Leu Ser Arg Tyr Ala
20 25 30

Met Ala Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Tyr Ile Gly
35 40 45

Tyr Ile Asp Thr Gly Asp Ser Thr Tyr Tyr Ala Thr Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Arg Thr Ser Thr Thr Val His Leu Lys Ile Ala
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Thr Asn Val Gly
85 90 95

Val Arg Met Tyr Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
100 105 110

<210> 143
<211> 112

<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 143

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Ile Val Ser Gly Ile Asp Leu Ser Arg Tyr Ala
20 25 30

Met Gly Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Tyr Ile Gly
35 40 45

Phe Ile Asp Thr Ala Gly Ser Thr Tyr Tyr Ala Asn Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Ile Ala
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Asn Val Gly
85 90 95

Ala Arg Met Tyr Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
100 105 110

<210> 144
<211> 115
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 144

Gln Glu Gln Leu Lys Glu Ser Gly Gly Gly Leu Val Thr Pro Gly Thr
1 5 10 15

Pro Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Leu Ser Ser Tyr
20 25 30

Asp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Gly Tyr Ile Trp Ser Ser Gly Ser Ala Tyr Tyr Ala Thr Trp Ala Glu
50 55 60

Gly Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Gly Leu Lys Ile
65 70 75 80

Thr Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Arg
85 90 95

Tyr Val Gly Ser Ser Tyr Asp Thr Trp Gly Gln Gly Thr Leu Val Thr
100 105 110

Val Ser Ser
115

<210> 145
<211> 113
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 145

Gln Glu Gln Leu Lys Glu Ser Gly Gly Gly Leu Val Thr Pro Gly Thr
1 5 10 15

Pro Leu Thr Leu Thr Cys Thr Val Ser Gly Ile Asp Leu Ser Ser Tyr
20 25 30

Ala Met Gly Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Tyr Ile
35 40 45

Gly Phe Ile Asp Thr Gly Gly Ser Thr Tyr Tyr Ala Asn Trp Ala Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Thr Ser Thr Thr Val Asp Leu Lys Ile
65 70 75 80

Ala Ser Pro Thr Thr Glu Asp Ala Ala Thr Tyr Phe Cys Ala Asn Val
85 90 95

Gly Ala Arg Met Tyr Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser
100 105 110

Ser

<210> 146
<211> 120
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 146

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Leu Ser Asn Tyr Tyr
20 25 30

Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Ile Ile Thr Asp Ser Gly Thr Thr Tyr Tyr Ala Ser Trp Val Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Met Thr
65 70 75 80

Ser Leu Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Glu Pro
85 90 95

Asp Tyr Asp Gly Tyr Ala Gly Tyr Gly Tyr Gly Asp Leu Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 147

<211> 128

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 147

Gln Gln Leu Glu Gln Ser Gly Gly Gly Ala Gly Gly Gly Leu Val Lys
1 5 10 15

Pro Gly Gly Ser Leu Glu Leu Cys Cys Lys Ala Ser Gly Phe Thr Leu
20 25 30

Ile Asn Ser His Trp Ile Cys Trp Val Arg Gln Ala Pro Gly Lys Gly
35 40 45

Leu Glu Trp Ile Gly Cys Ile Phe Ala Gly Ser Ala Gly Ser Thr Tyr
50 55 60

Tyr Ala Thr Trp Val Ser Gly Arg Phe Thr Leu Ser Arg Asp Ile Asp
65 70 75 80

Gln Asn Thr Gly Cys Leu Gln Leu Asn Ser Leu Thr Ala Ala Asp Thr
85 90 95

Ala Met Tyr Tyr Cys Ala Arg Asp Gln Thr Asn Thr Ala Tyr Asp Pro
100 105 110

Phe Tyr Leu Asn Leu Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 148

<211> 117

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 148

Gln Ser Leu Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Asn Ser Asn Gly
20 25 30

Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Gly Ile Asn Ala Gly Gly Ser Ala Tyr Tyr Ala Asn Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Met Val Asp Leu Lys Ile Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Lys Thr Ser
85 90 95

Gly Ile Asn Val Tyr Asn Tyr Leu Asn Leu Trp Gly Gln Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 149

<211> 131

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 149

Gln Gln Gln Leu Val Glu Ser Gly Gly Gly Leu Val Lys Pro Gly Ala
1 5 10 15

Ser Leu Thr Leu Thr Cys Lys Ala Ser Gly Phe Ser Phe Ser Asn Thr
20 25 30

Tyr Tyr Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
35 40 45

Ile Ala Cys Ile Glu Ala Gly Asp Ser Glu Ser Asn Tyr Tyr Ala Ser
50 55 60

Trp Ala Lys Gly Arg Phe Thr Ile Ser Lys Ala Ser Ser Thr Thr Val
65 70 75 80

Thr Leu Gln Met Thr Thr Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe
85 90 95

Cys Ala Arg Ala Thr Tyr Asp Thr Phe Gly Tyr Gly Asp Tyr Val Tyr
100 105 110

Thr Thr Pro Ala Ser Phe Asn Leu Trp Gly Pro Gly Thr Leu Val Thr
115 120 125

Val Ser Ser
130

<210> 150

<211> 124

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 150

Gln Glu Gln Leu Glu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Lys Leu Ser Cys Lys Ala Ser Gly Phe Asp Phe Ser Arg Tyr
20 25 30

Tyr Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Gly Tyr Ile Asp Pro Ile Phe Gly Asn Thr Tyr Tyr Ala Ser Trp Val
50 55 60

Asn Gly Arg Phe Thr Ile Ser Ser His Asn Ala Gln Asn Thr Leu Tyr
65 70 75 80

Leu Gln Leu Asn Asn Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Asp Gly Asp Ala Gly Tyr Asp Gly Tyr Gly Tyr Gly Thr Asp
100 105 110

Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 151

<211> 128

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 151

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Gln Pro Gly Ala Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Val Asn Val Asn Ser
20 25 30

Tyr Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Leu Ile
35 40 45

Ala Cys Ile Asp Thr Gly Ser Gly Gly Ser Thr Trp Tyr Gly Ser Trp
50 55 60

Ala Lys Gly Arg Phe Thr Ile Ser Lys Ser Thr Asn Leu Asn Thr Val
65 70 75 80

Thr Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe
85 90 95

Cys Ala Arg Ala Arg Asn Thr Tyr Gly Tyr Gly Asp Tyr Val Tyr Gly
100 105 110

Gly Ala Phe Asp Pro Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 152

<211> 118

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 152

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Asn Ser His Tyr
20 25 30

Met Ile Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Tyr Ile Gly
35 40 45

Ile Ile Thr Ser Ser Asp Tyr Ile Tyr Tyr Ala Arg Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Asp Leu Lys Ile
65 70 75 80

Thr Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Ser Cys Ala Arg Tyr
85 90 95

Asn Tyr Asp Asp Asp Gly Glu Leu Phe Asn Leu Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 153

<211> 117

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 153

Gln Ser Leu Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Asn Ser Asn Gly
20 25 30

Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Gly Ile Asn Ala Gly Gly Ser Ala Tyr Tyr Ala Asn Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Met Val Asp Leu Lys Ile Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Lys Thr Ser
85 90 95

Gly Ile Asn Val Tyr Asn Tyr Leu Asn Leu Trp Gly Gln Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 154
<211> 118
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 154

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Asn Ser His Tyr
20 25 30

Met Ile Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Tyr Ile Gly
35 40 45

Val Ile Thr Ser Ser Asp Tyr Ile Tyr Tyr Ala Arg Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Asp Leu Lys Ile
65 70 75 80

Thr Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Tyr
85 90 95

Asn Tyr Asp Asp Asp Gly Glu Leu Phe Asn Leu Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 155
<211> 122
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 155

Gln Gln Gln Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Ala
1 5 10 15

Ser Leu Thr Val Thr Cys Thr Ala Ser Gly Phe Ser Phe Thr Asn Asn
20 25 30

Tyr Tyr Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
35 40 45

Ile Gly Cys Ile Tyr Pro Ser Ile Val Gly Pro Thr Tyr Tyr Ala Asn
50 55 60

Trp Ala Lys Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val
65 70 75 80

Thr Leu Glu Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe
85 90 95

Cys Val Arg Asp Arg Tyr Asp Asp Tyr Gly Asp Tyr Phe Asn Leu Trp
100 105 110

Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 156
<211> 121
<212> PRT
<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 156

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Ile Asp Leu Ser Ser Tyr Thr
20 25 30

Met Gly Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Tyr Ile Gly
35 40 45

Phe Ile Ser Ser Ser Gly His Thr Tyr Tyr Ala Asn Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Asp Leu Lys Met
65 70 75 80

Thr Ser Leu Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Asp
85 90 95

Gly Gly Tyr Gly Gly Tyr Asp Tyr Thr Gly Ile Phe Asn Leu Trp Gly
100 105 110

Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 157

<211> 113

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 157

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Ser Thr Tyr Gly
20 25 30

Val Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Asp Trp Ile Gly
35 40 45

Ile Ile Asp Ser Ser Gly Ser Thr Trp Tyr Thr Ser Trp Val Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Val Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Glu Ser
85 90 95

Tyr Tyr His Ser Asn Phe Trp Gly Gln Gly Thr Leu Val Thr Val Ser
100 105 110

Ser

<210> 158

<211> 121

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 158

Gln Glu Gln Leu Lys Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr
1 5 10 15

Pro Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Leu Ser Ser Tyr
20 25 30

Tyr Val Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Gly Ile Ile His Ser Asp Gly Ser Ile Tyr Tyr Ala Thr Trp Ala Lys
50 55 60

Gly Leu Phe Thr Ile Ser Arg Thr Ser Thr Thr Val Asp Leu Lys Ala
65 70 75 80

Thr Ser Leu Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Val Arg Gly
85 90 95

Tyr Pro Gly Tyr Tyr Thr Ser Thr Phe Asn Arg Leu Asp Leu Trp Gly
100 105 110

Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 159

<211> 122

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 159

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Gln Pro Glu Gly Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Phe Ser Ser Ser Tyr
20 25 30

Tyr Ile Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Cys Ile Tyr Ala Gly Ser Ser Gly Ser Thr Tyr Tyr Ala Ser Trp
50 55 60

Ala Lys Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Thr
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Asp Val Gly Ser Gly Tyr Tyr Pro Asp Val Phe Asn Phe Trp
100 105 110

Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 160

<211> 125

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 160

Gln Glu Gln Leu Lys Glu Ser Arg Gly Gly Leu Val Lys Pro Gly Gly
1 5 10 15

Ser Leu Glu Leu Cys Cys Lys Ala Ser Gly Phe Thr Leu Ser Ser Ser
20 25 30

His Trp Ile Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
35 40 45

Ile Gly Cys Ile His Ala Gly Ser Ser Gly Ser Ala Tyr Tyr Ala Ser
50 55 60

Trp Val Asn Gly Arg Phe Thr Leu Ser Arg Asp Ile Asp Gln Ser Thr
65 70 75 80

Gly Cys Leu Gln Leu Asn Ser Leu Thr Thr Ala Asp Thr Ala Met Tyr
85 90 95

Tyr Cys Ala Arg Asp Gln Thr Ala Thr Thr Tyr Asp Pro Tyr Tyr Leu
100 105 110

Asn Leu Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 161
<211> 117
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 161

Gln Ser Leu Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Leu Asn Ser Tyr Gly
20 25 30

Val Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Gly Ile Asn Thr Gly Gly Ser Thr Tyr Tyr Ala Asn Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Ala Met Val Asp Leu Lys Val Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Val Cys Ala Arg Thr Ser
85 90 95

Gly Asn Asn Val Tyr Asn Tyr Phe Thr Leu Trp Gly Gln Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 162
<211> 117
<212> PRT
<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 162

Gln Ser Val Glu Val Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Thr Thr Tyr Tyr
20 25 30

Met Ile Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Tyr Ile Gly
35 40 45

Ile Ile Thr Ser Ser Gly Ser Thr Tyr Tyr Ala Ser Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Ser Val Asp Leu Lys Val Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Tyr Thr
85 90 95

Tyr Asp Asp Asp Gly Glu Leu Phe Asn Leu Trp Gly Gln Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 163

<211> 122

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 163

Gln Ser Leu Glu Glu Ser Gly Gly Gly Leu Val Lys Pro Glu Gly Ser
1 5 10 15

Leu Thr Leu Thr Cys Lys Ala Ser Gly Phe Asp Leu Ser Ser Tyr Tyr
20 25 30

Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Leu Ile Ala
35 40 45

Cys Ile Tyr Asp Gly Ser Ser Val Ser Thr Tyr Tyr Ala Ser Trp Ala
50 55 60

Lys Gly Arg Phe Thr Met Ser Lys Thr Ser Ser Thr Thr Val Thr Leu
65 70 75 80

Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys Ala
85 90 95

Arg Asp Asn Leu Arg His Ala Gly Tyr Gly Gln Pro Phe Asn Leu Trp
100 105 110

Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 164

<211> 126

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 164

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Ala Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Ser Ser Phe Ser Asn Ser Tyr
20 25 30

Tyr Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Gly Cys Ile Tyr Thr Gly Ser Gly Ser Thr Tyr Tyr Ala Asn Trp Ala
50 55 60

Lys Gly Arg Phe Thr Ile Ser Glu Thr Ser Ser Thr Thr Val Thr Leu
65 70 75 80

Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys Ala
85 90 95

Arg Tyr Asp Ala Ala Tyr Ala Gly Asp Gly Tyr Thr Ile Gly Asn Ala
100 105 110

Phe Asp Pro Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 165

<211> 126

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 165

Gln Glu Gln Leu Val Glu Ser Gly Gly Gly Leu Val Gln Pro Glu Gly
1 5 10 15

Ser Leu Ser Leu Thr Cys Thr Ala Ser Gly Phe Thr Leu Asn Asn Tyr
20 25 30

Cys Met Cys Trp Val Arg Gln Ala Pro Gly Lys Ala Leu Glu Trp Ile
35 40 45

Ala Cys Ile Ala Ala Gly Ser Ser Gly Thr Pro Tyr Tyr Ala Ser Trp
50 55 60

Ala Lys Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Thr
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Ile Tyr Tyr Ser Tyr Gly Tyr Gly Asp Val Ala Tyr Gly Ala
100 105 110

Phe Asp Pro Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 166

<211> 118

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 166

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Ser Ser Tyr Tyr
20 25 30

Met Ile Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Ile Ile Thr Ser Ser Gly Ser Thr Tyr Tyr Ala Ser Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Asp Leu Lys Ile
65 70 75 80

Thr Ser Pro Thr Thr Glu Asp Thr Ala Thr His Phe Cys Ala Arg Tyr
85 90 95

Ser Tyr Asn Asp Asp Gly Glu Phe Phe Asn Leu Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 167
<211> 117
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 167

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Ser Ser Tyr Ala
20 25 30

Met Gly Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Ile Ile Gly Ser Gly Gly Asn Thr Tyr Tyr Ala Thr Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Arg Thr Ser Thr Thr Val Asp Leu Arg Ile Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Asp Val
85 90 95

Gly Tyr Gly Asp Tyr Asp Ala Leu Asp Leu Trp Gly Gln Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 168
<211> 124

<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 168

Gln Glu Gln Leu Lys Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Lys Leu Ser Cys Thr Ala Ser Gly Phe Asp Phe Ser Ser His
20 25 30

Tyr Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Gly Tyr Ile Asp Pro Val Phe Gly Asn Thr Tyr Tyr Ala Asn Trp Val
50 55 60

Asn Gly Arg Phe Thr Ile Ser Ser His Asn Ala Gln Asn Thr Leu Tyr
65 70 75 80

Leu Gln Leu Asn Ser Leu Thr Val Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Asp Gly Glu Ala Gly Tyr Ala Gly Tyr Gly Tyr Gly Thr Asp
100 105 110

Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 169
<211> 118
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 169

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Glu Gly Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Phe Ser Ala Gly Tyr
20 25 30

Trp Ile Tyr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Cys Ile Gly Asn Gly Asp Asp Asp Thr Tyr Tyr Ala Asn Trp Ala
50 55 60

Lys Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Thr Leu
65 70 75 80

Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys Ala
85 90 95

Thr Asp Ile His Gly Gly Asn Ser Leu Asp Leu Trp Gly Pro Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 170

<211> 120

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 170

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Ile Asp Leu Ser Ser Tyr Ala
20 25 30

Met Ser Trp Val Arg Gln Ala Gln Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Ile Ile Gly Asp Ser Gly Ser Thr Trp Tyr Ala Ser Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Ile Thr
65 70 75 80

Ser Pro Thr Pro Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Glu Pro
85 90 95

Asp Tyr Gly Gly Tyr Ala Gly Tyr Gly Tyr Gly Asp Leu Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 171

<211> 124

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 171

Gln Glu Gln Leu Lys Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Lys Leu Ser Cys Lys Ala Ser Gly Phe Asp Phe Ser His Tyr
20 25 30

Tyr Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Gly Tyr Ile Asp Pro Val Phe Gly Asn Thr Tyr Tyr Ala Asn Trp Val
50 55 60

Asn Gly Arg Phe Thr Ile Ser Ser His Asn Ala Gln Asn Thr Leu Tyr
65 70 75 80

Leu Gln Leu Asn Ser Leu Thr Val Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Asp Gly Glu Ala Gly Tyr Ala Gly Tyr Gly Tyr Gly Thr Asp
100 105 110

Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 172

<211> 118

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 172

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Asn Ser Tyr Tyr
20 25 30

Met Ile Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Ile Ile Thr Ser Ser Gly Tyr Thr Tyr Tyr Ala Ser Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Asp Leu Lys Ile
65 70 75 80

Thr Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Tyr
85 90 95

Ser Tyr Asp Asp Asp Gly Glu Leu Phe Asn Leu Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 173

<211> 125

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 173

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Ala Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Phe Ser Asn Tyr Tyr
20 25 30

Tyr Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Cys Ile Tyr Asp Gly Asp Gly Ser Thr Tyr Tyr Ala Thr Trp Ala
50 55 60

Lys Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Thr Leu
65 70 75 80

Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys Ala
85 90 95

Arg Thr Tyr Tyr Thr Tyr Gly Tyr Asn Val Asp Ala Asp Ala Ala Leu
100 105 110

Asn Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 174
<211> 120
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 174

Gln Ser Leu Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Leu Ser Asn Tyr Tyr
 20 25 30

Val Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
 35 40 45

Ile Ile Glu Thr Gly Gly Asn Leu Tyr Tyr Ala Ser Trp Ala Lys Gly
 50 55 60

Arg Phe Ser Leu Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Ile Thr
65 70 75 80

Ser Pro Thr Ala Glu Asp Thr Ala Thr Tyr Phe Cys Val Arg Gly Tyr
 85 90 95

Pro Gly Tyr Tyr Thr His Thr Phe Asn Arg Leu Asp Leu Trp Gly Gln
 100 105 110

Gly Thr Leu Val Thr Val Ser Ser
 115 120

<210> 175
<211> 128
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 175

Gln Glu Gln Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Gly
1 5 10 15

Thr Leu Thr Leu Thr Cys Thr Ala Ser Gly Ile Asp Phe Ser Ser Tyr
20 25 30

Tyr Tyr Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
35 40 45

Ile Ala Cys Ile Tyr Ser Gly Ser Ser Asn Ser Thr Tyr Tyr Ala Asn
50 55 60

Trp Ala Lys Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val
65 70 75 80

Thr Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe
85 90 95

Cys Ala Arg Asp His Tyr Ala Tyr Gly Tyr Ala Gly Val Ala Tyr Gly
100 105 110

Thr Glu Tyr Asn Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 176

<211> 125

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 176

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Ala Ser
1 5 10 15

Leu Thr Leu Thr Cys Lys Ala Ser Gly Phe Ser Phe Ser Thr Tyr Trp
20 25 30

Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Pro Glu Trp Ile Ala
35 40 45

Cys Ile Ala Ala Gly Ser Ser Asp Thr Pro Tyr Tyr Ala Asn Trp Ala
50 55 60

Gln Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Thr Leu
65 70 75 80

Gln Met Thr Ser Leu Thr Val Ala Asp Thr Ala Thr Tyr Phe Cys Ala
85 90 95

Arg Ile Ala Tyr Ser Tyr Gly Tyr Gly Asp Tyr Gly Tyr Gly Ala Phe
100 105 110

Asp Pro Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 177

<211> 129

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 177

Gln Glu Gln Leu Glu Gln Ser Gly Gly Gly Ala Gly Arg Gly Leu Val
1 5 10 15

Lys Pro Gly Gly Ser Leu Glu Leu Cys Cys Asn Ala Ser Gly Phe Thr
20 25 30

Leu Ser Asn Ser Tyr Trp Ile Cys Trp Val Arg Gln Ala Pro Gly Lys
35 40 45

Gly Leu Glu Trp Ile Gly Cys Ile Phe Ala Gly Ser Ala Gly Ser Ala
50 55 60

Tyr Tyr Ala Thr Trp Val Asn Gly Arg Phe Thr Leu Ser Arg Asp Ile
65 70 75 80

Asp Gln Ser Thr Gly Cys Leu Gln Leu Asn Ser Leu Thr Ala Ala Asp
85 90 95

Thr Ala Met Tyr Tyr Cys Ala Arg Asp Gln Ser Ser Thr Ala Tyr Asp
100 105 110

Pro Phe Tyr Phe Asn Ser Trp Gly Gln Gly Thr Leu Val Thr Val Ser
115 120 125

Ser

<210> 178

<211> 118

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 178

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Leu Ser Thr Tyr Asp
20 25 30

Met Ile Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Tyr Ile Trp Ser Asp Gly Ile Thr Asp Tyr Ala Ser Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Val Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Asp Val
85 90 95

Gly Tyr Ala Gly Tyr Gly Tyr Tyr Phe Asp Leu Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 179

<211> 127

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 179

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Ala Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Phe Ser Ser Ser Tyr
20 25 30

Tyr Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Cys Ile Tyr Val Gly Ser Ile Gly Ser Thr Tyr Tyr Ala Ser Trp
50 55 60

Ala Lys Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Thr
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Asp Tyr Tyr Thr Tyr Asp Tyr Gly Asp Tyr Ala Tyr Gly Thr
100 105 110

Arg Leu Asp Leu Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 180

<211> 125

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 180

Gln Gln Gln Leu Val Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Ala
1 5 10 15

Ser Leu Thr Leu Thr Cys Lys Ala Ser Gly Ile Asp Phe Ser Ser Gly
20 25 30

Tyr Asp Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
35 40 45

Ile Ala Cys Phe Asp Ala Ala Ser Ser Asp Thr Thr Tyr Tyr Ala Ser
50 55 60

Trp Ala Lys Gly Arg Phe Thr Ile Ser Arg Thr Ser Ser Thr Thr Val
65 70 75 80

Thr Leu Gln Ala Thr Ser Leu Thr Val Ala Asp Thr Ala Thr Tyr Phe
85 90 95

Cys Ala Thr Ile Gly Tyr Asp Ala Ala Gly Asp Trp Lys Tyr Ala Phe
100 105 110

Asp Pro Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 181

<211> 118

<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 181

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Ser Ser Asn Ala
20 25 30

Ile Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Ile Ile Asn Thr Tyr Asp Asn Thr Ala Tyr Ala Thr Trp Ala Lys Gly
50 55 60

Arg Phe Ser Ile Ser Arg Thr Ser Thr Thr Val Asp Leu Lys Ile Thr
65 70 75 80

Ser Pro Ala Thr Lys Asp Thr Ala Thr Tyr Phe Cys Ala Arg Asp Val
85 90 95

His Asn Asn Val Val Pro Tyr Tyr Phe Asp Met Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 182
<211> 125
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 182

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Ala Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Phe Ser Gly Ser Tyr
20 25 30

Tyr Met Tyr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Cys Ile Tyr Asn Gly Asp Gly Ser Thr Tyr Tyr Ala Ser Trp Ala
50 55 60

Lys Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Thr Leu
65 70 75 80

Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys Ala
85 90 95

Arg Thr Tyr Thr Ser Tyr Gly Tyr Asn Val Asp Ala Asp Ala Ala Leu
100 105 110

Asn Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 183

<211> 114

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 183

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Arg Ser Tyr Asn
20 25 30

Ile Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Gly
35 40 45

Leu Ile Gly Pro Ala Gly Asn Ala Tyr Tyr Ala Ser Trp Ala Lys Gly
50 55 60

His Phe Thr Leu Ser Lys Thr Ser Thr Thr Val Asp Leu Ile Ile Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ser Arg Asp Ala
85 90 95

Thr Ile Glu Gly Met Ser Leu Trp Gly Pro Gly Thr Leu Val Thr Val
100 105 110

Ser Ser

<210> 184

<211> 124

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 184

Gln Glu Gln Leu Glu Glu Ser Gly Gly Gly Leu Val Gln Pro Gly Gly
1 5 10 15

Ser Leu Lys Leu Ser Cys Lys Ala Ser Gly Phe Asp Phe Ser Gly His
20 25 30

Tyr Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Gly Tyr Phe Asp Pro Ile Phe His Ser Thr Tyr Tyr Ala Ser Trp Val
50 55 60

Asn Gly Arg Phe Thr Ile Ser Ser His Ser Ala Gln Asn Thr Leu Tyr
65 70 75 80

Leu Gln Leu Asn Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Asp Gly Asn Ala Gly Tyr Asp Gly Tyr Gly Tyr Gly Thr Asp
100 105 110

Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 185

<211> 124

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 185

Gln Glu Gln Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Glu Gly
1 5 10 15

Ser Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Phe Ser Ser Ser
20 25 30

Tyr Trp Ile Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
35 40 45

Ile Ala Cys Ile Tyr Ala Gly Ser Ser Gly Ser Thr Ala Tyr Ala Asn
50 55 60

Trp Ala Lys Ala Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Thr Val
65 70 75 80

Ala Leu Gln Met Thr Ser Leu Thr Val Ala Asp Thr Ala Thr Tyr Phe
85 90 95

Cys Ala Arg Gly Ile Tyr Val Gly Tyr Gly Gly Asn Gly Tyr Ala Asp
100 105 110

Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 186

<211> 120

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 186

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Ala Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Phe Ser Ser Gly Tyr
20 25 30

Asp Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Cys Ile Tyr Thr Gly Asp Gly Ser Thr Tyr Tyr Ala Ser Trp Ala
50 55 60

Lys Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Thr Leu
65 70 75 80

Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys Ala
85 90 95

Arg Asp Ile Gly Ser Asp Tyr Tyr Ala Phe Phe Asn Leu Trp Gly Pro
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 187
<211> 123
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 187

Gln Glu Gln Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Glu Gly
1 5 10 15

Ser Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Asp Phe Ser Val Asn
20 25 30

Ala Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Pro Glu Trp Ile
35 40 45

Ala Tyr Ile Ser Asn Ala Asp Gly Ser Thr His Tyr Ala Ser Trp Val
50 55 60

Asn Gly Arg Phe Thr Ile Ser Arg Ser Thr Ser Leu Asn Thr Val Thr
65 70 75 80

Leu Gln Met Thr Arg Leu Thr Val Ser Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Ala Pro Tyr Ala Gly Tyr Thr Gly Tyr Gly Tyr Leu Asn Leu
100 105 110

Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 188
<211> 130
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 188

Gln Ser Leu Glu Glu Ser Gly Gly Gly Leu Val Gln Pro Glu Gly Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Phe Ser Ser Thr Tyr
20 25 30

Tyr Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Cys Ile Asp Ala Gly Ser Ser Thr Asn Thr Tyr Tyr Ala Ser Trp
50 55 60

Ala Lys Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Thr
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Val Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Ala Ser Tyr Ala Thr Tyr Gly Tyr Gly Asp Tyr Ile Ala Thr
100 105 110

Ala Pro Gln Phe Phe Asn Leu Trp Gly Pro Gly Thr Leu Val Thr Val
115 120 125

Ser Ser
130

<210> 189

<211> 129

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 189

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Ala Ser
1 5 10 15

Leu Thr Phe Thr Cys Thr Ala Ser Gly Phe Ser Phe Ser Gly Ile Asp
20 25 30

Tyr Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Cys Ile Tyr Gly Gly Asp Gly Gly Ile Thr Tyr Tyr Ala Ser Trp
50 55 60

Ala Lys Gly Arg Phe Thr Ile Ser Lys Ala Ser Ser Thr Thr Val Thr
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Val Gly Ser Arg Tyr Thr Gly Tyr Pro Asn Tyr Asp Asp Val
100 105 110

Pro Glu His Phe Lys Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser
115 120 125

Ser

<210> 190
<211> 123
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 190

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Ala Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Phe Ser Ser Ser Tyr
20 25 30

Trp Ile Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Cys Ile Tyr Gly Gly Ser Gly Tyr Asn Ile Tyr Tyr Ala Ser Trp
50 55 60

Ala Lys Gly Arg Phe Thr Ile Ser Lys Thr Ser Pro Thr Thr Val Thr
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Gly Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Gly Ile Gly Val Gly Tyr Gly Gly Asn Gly Tyr Ala Asp Leu
100 105 110

Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 191

<211> 121

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 191

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Gly Thr
1 5 10 15

Leu Thr Leu Thr Cys Lys Ala Ser Gly Ile Asp Phe Ser Ser Tyr Tyr
20 25 30

Asp Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Leu Ile
35 40 45

Ala Cys Ile Tyr Thr Ser Ser Gly Ser Thr Tyr Tyr Ala Ser Trp Ala
50 55 60

Lys Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Asp Leu
65 70 75 80

Lys Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys Ala
85 90 95

Arg Asp Ser Gly Tyr Ala Gly Tyr Gly Tyr Tyr Phe Ser Leu Trp Gly
100 105 110

Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 192

<211> 122

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 192

Gln Ser Leu Glu Glu Ser Gly Gly Gly Leu Val Gln Pro Glu Gly Ser
1 5 10 15

Leu Thr Leu Thr Cys Lys Ala Ser Gly Phe Ser Phe Ser Ser Gly Tyr
20 25 30

Asp Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Cys Ile
35 40 45

Ala Cys Ile Tyr Thr Gly Asp Ser Thr Thr Trp Tyr Ala Ser Trp Ala
50 55 60

Lys Gly Arg Phe Thr Ile Ser Arg Pro Ser Ser Thr Ala Val Thr Leu
65 70 75 80

Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys Ala
85 90 95

Arg Asp Arg Asp Ala Gly Tyr Tyr Gly Tyr Thr Tyr Phe Asn Leu Trp
100 105 110

Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 193
<211> 123
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 193

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Ala Ser
1 5 10 15

Leu Thr Leu Thr Cys Lys Ala Ser Gly Phe Ser Phe Ser Ser Gly Tyr
20 25 30

Val Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Cys Ile Asp Thr Ser Ser Gly Thr Thr Trp Tyr Ala Thr Trp Val
50 55 60

Asn Gly Arg Phe Thr Ile Ser Arg Ser Thr Ser Leu Asn Thr Val Thr
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Ala Gly Tyr Ile Asn Tyr Ser Tyr Thr Ser Asp Phe Asp Leu
100 105 110

Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 194
<211> 125
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 194

Gln Glu Gln Leu Val Glu Ser Gly Gly Gly Leu Val Thr Leu Gly Gly
1 5 10 15

Ser Leu Lys Leu Ser Cys Lys Ala Ser Gly Ile Asp Phe Ser Ser Tyr
20 25 30

Gly Ile Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Thr Ile Asp Pro Asp Tyr Gly Asn Thr Asp Tyr Ala Ser Trp Val
50 55 60

Asn Gly Arg Phe Thr Ile Ser Leu Asp Asn Ala Gln Asn Thr Val Tyr
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Thr Arg Ile Ser Phe Ala Ser Ser Ser Gly Tyr Tyr Ser Pro Tyr Phe
100 105 110

Asn Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 195
<211> 126
<212> PRT
<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 195

Gln Glu Gln Leu Val Glu Ser Gly Gly Gly Leu Val Thr Leu Gly Gly
1 5 10 15

Ser Leu Lys Leu Ser Cys Lys Ala Ser Gly Phe Asp Pro Ser Ser Tyr
20 25 30

Gly Ser Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Tyr Ile Tyr Pro Asp Tyr Gly Ile Thr Asp Tyr Ala Ser Trp Val
50 55 60

Asn Gly Arg Phe Thr Ile Ser Leu Asp Lys Ala Gln Asn Thr Val Phe
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Ser Asp Val Gly Tyr Ala Gly Tyr Ala Tyr Asp Arg Gly Tyr Tyr
100 105 110

Phe Asn Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 196

<211> 128

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 196

Gln Glu Gln Leu Val Glu Ser Gly Gly Gly Leu Val Thr Leu Gly Gly
1 5 10 15

Ser Leu Lys Leu Ser Cys Lys Ala Ser Gly Ile Asp Phe Ser Asn Tyr
20 25 30

Gly Phe Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Tyr Ile Asp Pro Asp Tyr Gly Tyr Thr Asp Tyr Ala Ser Trp Val
50 55 60

Asn Gly Arg Phe Thr Ile Ser Leu Asp Asn Ala Gln Asn Thr Val Phe
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Thr Arg Asp His Tyr Thr Tyr Gly Asp Ala Gly Tyr Ala Asp Ala Thr
100 105 110

Ser Ala Phe Asp Pro Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 197

<211> 124

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 197

Gln Glu Gln Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Glu Gly
1 5 10 15

Ser Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Phe Ser Ser Ser
20 25 30

Tyr Trp Ile Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
35 40 45

Ile Gly Cys Ile Tyr Thr Gly Ser Ser Gly Ser Thr Tyr Tyr Ala Ser
50 55 60

Trp Ala Lys Gly Arg Phe Thr Ile Thr Lys Thr Ser Ser Thr Thr Val
65 70 75 80

Thr Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe
85 90 95

Cys Ala Arg Ala Ser Gly Gly Ser Ser Val Tyr Met Asn Phe Phe Thr
100 105 110

Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 198
<211> 120
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 198

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Gln Pro Glu Gly Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Phe Ser Ser Asn Tyr
20 25 30

Asp Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Pro Glu Trp Ile
35 40 45

Ala Cys Ile Tyr Thr Gly Asp Asp Ser Thr Tyr Tyr Ala Ser Trp Ala
50 55 60

Lys Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Thr Leu
65 70 75 80

Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys Ala
85 90 95

Arg Asp Ile Gly Ser Asp Tyr Tyr Ala Phe Phe Asn Leu Trp Gly Pro
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 199

<211> 127

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 199

Leu Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Ala Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Tyr Ser Gly Ser Tyr
20 25 30

Trp Ile Cys Trp Val Arg Gln Ala Ala Gly Lys Gly Leu Glu Trp Val
35 40 45

Ala Cys Ile Tyr Ala Gly Ser Ser Gly Asn Pro Tyr Tyr Ala Ser Trp
50 55 60

Ala Lys Gly Arg Phe Thr Ile Ser Arg Ala Ser Ser Thr Ala Val Thr
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Asp Asp Tyr Thr Thr Asp Gly Ala Gly Tyr Ala Tyr Gly Thr
100 105 110

Arg Leu Asp Leu Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 200

<211> 128

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 200

Gln Gln Gln Leu Glu Glu Ser Gly Gly Gly Leu Val Thr Leu Gly Gly
1 5 10 15

Ser Leu Lys Leu Ser Cys Lys Ala Ser Gly Ile Asp Phe Ser Ser Phe
20 25 30

Gly Ile Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Tyr Ile Asp Pro Asp Tyr Gly Thr Thr Asp Tyr Ala Ser Trp Val
50 55 60

Asn Gly Arg Phe Thr Ile Ser Leu Asp Asn Ala Gln Asn Thr Val Phe
65 70 75 80

Leu Gln Leu Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Ala Leu Tyr Thr Ser Gly Ala Ala Gly Tyr Ala Asp Ala Thr
100 105 110

Gly Ala Phe Asp Pro Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120 125

<210> 201

<211> 120

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 201

Gln Ser Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Ala Ser
1 5 10 15

Leu Thr Leu Thr Cys Lys Ala Ser Gly Phe Ser Phe Ser Ser Gly Tyr
20 25 30

Asp Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Ala Cys Ile Tyr Thr Gly Asp Gly Ser Thr Tyr Tyr Ala Ser Trp Ala
50 55 60

Lys Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Thr Leu
65 70 75 80

Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys Ala
85 90 95

Arg Asp Ile Gly Ser Asp Tyr Tyr Ala Phe Phe Asn Leu Trp Gly Pro
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 202

<211> 119

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 202

Gln Glu Gln Leu Glu Glu Ser Gly Gly Asp Leu Val Lys Pro Gly Ala
1 5 10 15

Ser Leu Thr Leu Thr Cys Thr Ala Ala Gly Phe Thr Ile Ser Thr Thr
20 25 30

Tyr Trp Ile Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp
35 40 45

Ile Ala Cys Ile Tyr Gly Asn Gly Gly Gly Thr Trp Tyr Ala Ser Trp
50 55 60

Ala Lys Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Thr
65 70 75 80

Leu Gln Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys
85 90 95

Ala Arg Leu Leu Asn Ser Tyr Val Asp Phe Asn Leu Trp Gly Pro Gly
100 105 110

Thr Leu Val Thr Val Ser Ser
115

<210> 203

<211> 118

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 203

Gln Ser Leu Glu Asp Ser Gly Gly Asp Leu Val Lys Pro Gly Ala Ser
1 5 10 15

Leu Thr Leu Ser Cys Thr Ala Ser Gly Phe Asp Phe Ser Gly Tyr Tyr
20 25 30

Met Cys Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Ala
35 40 45

Cys Ile Gly Ile Gly Ser Gly Ser Ala Tyr Tyr Ala Asn Trp Ala Lys
50 55 60

Gly Arg Phe Thr Ile Ser Glu Ala Ser Ser Thr Thr Val Thr Leu Gln
65 70 75 80

Met Thr Ser Leu Thr Ala Ala Asp Thr Ala Thr Tyr Phe Cys Gly Arg
85 90 95

Asp Arg Asp Gly Gly Ser Met Ser Tyr Asp Leu Trp Gly Pro Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 204

<211> 121

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 204

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Ser Thr Tyr Asp
20 25 30

Ile Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Ile Ile Tyr Thr Gly Gly Ile Thr Asn Phe Ala Asn Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Ile Ala
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Gly Gly
85 90 95

Tyr Asp Ser Asp Gly Tyr Val Tyr Pro Asp Ala Phe Asp Pro Trp Gly
100 105 110

Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 205

<211> 115

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 205

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Ser Ser Tyr Asp
20 25 30

Met Ile Trp Val Arg Gln Ala Pro Gly Glu Gly Leu Glu Trp Ile Gly
35 40 45

Ser Ala Ala Tyr Asp Gly Gly Ala Tyr Tyr Ala Ser Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Asp Leu Lys Met
65 70 75 80

Thr Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Gly
85 90 95

Gly Tyr Asn Asp Ala Leu Ser Leu Trp Gly Gln Gly Thr Leu Val Thr
100 105 110

Val Ser Ser
115

<210> 206
<211> 117
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 206

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Asn Asn Tyr Ala
20 25 30

Met Gly Trp Phe Arg Gln Ala Pro Gly Glu Gly Leu Glu Trp Ile Gly
35 40 45

Ser Met Arg Thr Asp Gly Gly Thr Tyr Tyr Ala Asn Trp Ala Glu Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Ile Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Gly Arg Asp Val
85 90 95

Gly Gly Asp Gly Gly Trp Tyr Phe Asn Leu Trp Gly Pro Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 207
<211> 117

<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 207

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Ile Leu Thr Cys Thr Val Ser Gly Ile Asp Leu Ser Asn Tyr Ala
20 25 30

Met Gly Trp Phe Arg Gln Ala Pro Gly Glu Gly Leu Glu Trp Ile Gly
35 40 45

Ser Arg Arg Thr Asp Gly Ile Thr Tyr Tyr Ala Asn Trp Ala Glu Gly
50 55 60

Arg Phe Thr Ile Ser Arg Thr Ser Thr Thr Val Asp Leu Glu Ile Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Gly Arg Asp Val
85 90 95

Gly Gly Asp Gly Gly Trp Tyr Phe Asn Leu Trp Gly Pro Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 208
<211> 111
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 208

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Gly Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Ser Ser Tyr Asn
20 25 30

Met Gln Trp Val Arg Gln Ser Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Ile Met Thr Ile Asp Ala Gly Pro Tyr Tyr Ala Ala Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Asp Leu Lys Met
65 70 75 80

Thr Gly Leu Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Gly
85 90 95

Phe Phe Gly Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
100 105 110

<210> 209

<211> 116

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 209

Gln Ser Leu Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Ile Asp Leu Ser Thr Tyr Ala
20 25 30

Met Ile Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Tyr Ile Gly
35 40 45

Phe Ile Arg Pro Gly Gly Ser Ala Trp Tyr Ala Ser Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Arg Glu Ile Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Thr Tyr Asp
85 90 95

Thr Tyr Gly Tyr Gly Asp Thr Arg Leu Trp Gly Pro Gly Thr Leu Val
100 105 110

Thr Val Ser Ser
115

<210> 210
<211> 116
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 210

Gln Glu Gln Leu Lys Glu Ser Gly Gly Gly Leu Val Thr Pro Gly Thr
1 5 10 15

Pro Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Leu Ser Ser Tyr
20 25 30

Asp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Gly Tyr Ile Trp Ser Ser Gly Ser Ser Tyr Tyr Ala Ser Trp Ala Lys
50 55 60

Gly Arg Phe Thr Ile Ser Lys Thr Ser Ser Thr Thr Val Gly Leu Lys
65 70 75 80

Ile Thr Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg
85 90 95

Arg Tyr Val Gly Ser Ser Tyr Val Thr Trp Gly Gln Gly Thr Leu Val
100 105 110

Thr Val Ser Ser
115

<210> 211

<211> 108

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 211

Gln Ser Leu Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Gly Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Ile Asp Leu Ser Ser Tyr Pro
20 25 30

Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Met Ile Tyr Gly Ser Gly Gly Ala Tyr Tyr Ala Ser Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Met Asn
65 70 75 80

Ser Leu Thr Ala Ser Asp Thr Ala Thr Tyr Phe Cys Gly Arg Gly Ser
85 90 95

Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
100 105

<210> 212
<211> 117
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 212

Gln Ser Leu Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Ile Asp Leu Ser Ser Tyr Ala
20 25 30

Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Tyr Ile Tyr Asn Asp Ser Gly Ser Thr Phe Tyr Ala Thr Trp Ala Arg
50 55 60

Gly Arg Phe Thr Ile Ser Gly Ser Ser Thr Thr Val Asp Leu Lys Met
65 70 75 80

Thr Ser Leu Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Trp
85 90 95

Asp Ser Tyr Gly Tyr Gly Asp Phe Asn Leu Trp Gly Pro Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 213
<211> 116
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 213

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Ile Asp Leu Ser Ser Tyr Ala
20 25 30

Met Gly Trp Val Arg Gln Ala Pro Val Lys Gly Leu Lys Trp Ile Gly
35 40 45

Phe Ile Asp Val Asp Gly Ser Ala Tyr Tyr Ala Thr Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Ile Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Ser Ala Thr Tyr Phe Trp Thr Arg Tyr Asp
85 90 95

Asn Tyr Gly Tyr Gly Asp Phe Asn Leu Trp Gly Pro Gly Thr Leu Val
100 105 110

Thr Val Ser Ser
115

<210> 214

<211> 115

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 214

Gln Glu Gln Leu Lys Glu Ser Gly Gly Gly Leu Val Thr Pro Gly Thr
1 5 10 15

Pro Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Leu Ser Thr Tyr
20 25 30

Asp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Gly Tyr Ile Trp Ser Ser Gly Ser Ala Tyr Tyr Ala Thr Trp Ala Gln
50 55 60

Gly Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Gly Leu Lys Ile
65 70 75 80

Ala Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Arg
85 90 95

Phe Val Gly Ser Ser Tyr Asp Thr Trp Gly Gln Gly Thr Leu Val Thr
100 105 110

Val Ser Ser
115

<210> 215

<211> 115

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 215

Gln Glu Gln Leu Lys Glu Ser Gly Gly Gly Leu Val Thr Pro Gly Thr
1 5 10 15

Pro Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Leu Ser Ser Tyr
20 25 30

Asp Met Ser Trp Val Arg Gln Thr Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Gly Tyr Ile Trp Ser Ser Gly Ser Ala Tyr Tyr Ala Ser Trp Ala Glu
50 55 60

Gly Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Gly Leu Lys Ile
65 70 75 80

Thr Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Arg
85 90 95

Phe Val Gly Ser Ser Tyr Asp Thr Trp Gly Gln Gly Thr Leu Val Thr
100 105 110

Val Ser Ser
115

<210> 216
<211> 117
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 216

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Ser Ser His Tyr
20 25 30

Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Ile Ile Thr Ser Ser Gly Ser Thr Tyr Tyr Ala Ser Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Pro Thr Val Asp Leu Glu Ile Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Asp Trp
85 90 95

Tyr Asp Asp Tyr Gly Asp Tyr Arg Ser Leu Trp Gly Pro Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 217
<211> 117
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 217

Gln Ser Val Glu Glu Ser Glu Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Ile Asp Leu Ser Ser Tyr Ala
20 25 30

Met Gly Trp Val Arg Gln Ala Pro Gly Met Gly Leu Glu Trp Ile Gly
35 40 45

Asp Ile Ser Thr Ser Gly Asn Ala Tyr Tyr Ala Thr Trp Val Lys Gly
50 55 60

Arg Phe Thr Ile Ser Arg Thr Ser Thr Thr Val Asp Leu Lys Met Ala
65 70 75 80

Ser Leu Thr Thr Ala Asp Thr Ala Thr Tyr Phe Cys Ala Arg Ala Asp
85 90 95

Tyr Gly Gly Glu Thr Tyr Ala Phe Asp Pro Trp Gly Pro Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 218
<211> 108
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 218

Gln Ser Leu Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Gly Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Ile Asp Leu Ser Ser Tyr Pro
20 25 30

Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Met Ile Tyr Gly Ser Gly Gly Ala Tyr Tyr Ala Thr Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Met Asn
65 70 75 80

Ser Leu Thr Ala Ser Asp Thr Ala Thr Tyr Phe Cys Gly Arg Gly Ser
85 90 95

Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
100 105

<210> 219
<211> 122
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 219

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Leu Ser Ser Tyr Asp
20 25 30

Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Ile Ile Tyr Ala Gly Ser Gly Thr Thr Asn Tyr Ala Thr Trp Ala Lys
50 55 60

Gly Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Ile
65 70 75 80

Ser Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Gly
85 90 95

Gly Tyr Asp Ser Asp Ala Tyr Val Tyr Pro Asp Val Phe Asp Pro Trp
100 105 110

Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 220

<211> 115

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 220

Gln Glu Gln Leu Lys Glu Ser Gly Gly Gly Leu Val Thr Pro Gly Thr
1 5 10 15

Pro Leu Thr Leu Thr Cys Thr Ala Ser Gly Phe Ser Leu Ser Ser Tyr
20 25 30

Asp Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile
35 40 45

Gly Tyr Ile Trp Ser Ser Gly Ser Ala Tyr Tyr Ala Ser Trp Ala Lys
50 55 60

Gly Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Gly Leu Lys Ile
65 70 75 80

Thr Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Arg
85 90 95

Phe Val Gly Ser Ser Tyr Asp Thr Trp Gly Gln Gly Thr Leu Val Thr
100 105 110

Val Ser Ser
115

<210> 221
<211> 119
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 221

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Lys Pro Asp Glu Thr
1 5 10 15

Leu Thr Leu Ile Cys Thr Val Ser Gly Phe Ser Leu Ser Ser His His
20 25 30

Met Ile Trp Val Arg Gln Ala Pro Gly Glu Gly Leu Glu Gly Ile Gly
35 40 45

Ile Ile Asp Ala Gly Ser Gly Ser Thr Tyr Tyr Ala Ser Trp Ala Lys
50 55 60

Gly Arg Phe Thr Ile Ser Arg Thr Ser Thr Thr Val Asp Leu Lys Ile
65 70 75 80

Ala Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Gly
85 90 95

Gly Leu Thr Glu Ser Leu Gly Thr Tyr Phe Asp Leu Trp Gly Pro Gly
100 105 110

Thr Leu Val Thr Val Ser Ser
115

<210> 222

<211> 118

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 222

Gln Ser Leu Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Phe Leu Ser Ser Tyr Glu
20 25 30

Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Val Ile Tyr Thr Asp Gly Ser Ala Tyr Tyr Ala Ser Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Ala Ser Thr Thr Val Asp Leu Lys Val Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Gly His
85 90 95

Pro Asp Tyr Ser Ser Gly Met Val Phe Asn Leu Trp Gly Gln Gly Thr
100 105 110

Leu Val Thr Val Ser Ser
115

<210> 223
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 223

Gln Ser Leu Glu Glu Ser Gly Gly Arg Leu Val Lys Pro Asp Glu Ser
1 5 10 15

Leu Thr Leu Thr Cys Thr Ala Ser Gly Ile Asp Leu Ser Ser Tyr Tyr
20 25 30

Met Ile Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Arg Ile Asp Ala Asn Ser Asp Asn Thr Tyr Tyr Ala Ser Trp Ala Lys
50 55 60

Gly Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Ile
65 70 75 80

Thr Ser Pro Thr Thr Ala Asp Thr Ala Thr Tyr Phe Cys Ala Gly Asp
85 90 95

Phe Glu Leu Trp Gly Pro Gly Thr Leu Val Thr Val Ser Ser
100 105 110

<210> 224
<211> 117
<212> PRT
<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 224

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Ser Ser Tyr Ala
20 25 30

Leu Gly Trp Phe Arg Gln Ala Pro Gly Glu Gly Leu Glu Trp Ile Gly
35 40 45

Ser Met Arg Thr Asp Gly Val Thr Tyr Tyr Ala Asn Trp Ala Glu Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Ile Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Gly Arg Asp Val
85 90 95

Gly Gly Asp Gly Gly Trp Tyr Phe Asn Leu Trp Gly Pro Gly Thr Leu
100 105 110

Val Thr Val Ser Ser
115

<210> 225

<211> 120

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 225

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Lys Ala Ser Gly Phe Ser Leu Ser Asp Tyr Phe
20 25 30

Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Ile Ile Asn Thr Gly Gly Asp Ser Tyr Tyr Ala Thr Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Ile Ser
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Asp Thr
85 90 95

Gly Tyr Gly Gly Tyr Asp Tyr Ala Gly Ser Phe Asp Pro Trp Gly Pro
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 226

<211> 120

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 226

Gln Ser Val Lys Glu Ser Gly Gly Gly Leu Phe Lys Pro Thr Asp Thr
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Ser Asp Tyr Tyr
20 25 30

Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Tyr Ile Gly
35 40 45

Ile Ile Asn Thr Gly Gly Asn Thr Tyr Tyr Ala Ser Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Ile Ser
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Asp Thr
85 90 95

Gly Tyr Gly Gly Tyr Asp Tyr Ala Gly Ser Phe Asp Pro Trp Gly Pro
100 105 110

Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 227

<211> 122

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 227

Gln Ser Val Glu Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Asn Ser His Val
20 25 30

Met Thr Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Ile Leu Thr Ser Ser Gly Tyr Thr Tyr Tyr Ala Ser Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Ile Thr
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Glu Gly
85 90 95

Tyr Asp Tyr Asp Asp Ser Gly Asp Tyr Pro Tyr Tyr Phe Asn Ile Trp
100 105 110

Gly Pro Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 228

<211> 121

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - heavy chain sequence from rabbit hybridoma

<400> 228

Gln Ser Val Ala Glu Ser Gly Gly Arg Leu Val Thr Pro Gly Thr Pro
1 5 10 15

Leu Thr Leu Thr Cys Thr Val Ser Gly Phe Ser Leu Ser Tyr Tyr Ala
20 25 30

Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Ile Gly
35 40 45

Ile Ile Gly Ser Arg Asp Asn Thr His Tyr Ala Ser Trp Ala Lys Gly
50 55 60

Arg Phe Thr Ile Ser Lys Thr Ser Thr Thr Val Asp Leu Lys Ile Ala
65 70 75 80

Ser Pro Thr Thr Glu Asp Thr Ala Thr Tyr Phe Cys Ala Arg Asp Ile
85 90 95

Tyr Gly Gly Tyr Gly Asp Tyr Thr Tyr Asp Trp Leu Asp Leu Trp Gly
100 105 110

Gln Gly Thr Leu Val Thr Val Ser Ser
115 120

<210> 229
<211> 113
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 229

Asp Asp Ile Val Met Thr Gln Thr Pro Ala Ser Val Glu Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Lys Cys Gln Ala Gly Gln Ser Ile Asp Ser
20 25 30

Asn Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Arg Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Glu Phe Ala Leu Thr Ile Ser Asp Leu Glu
65 70 75 80

Cys Ala Asp Ala Ala Thr Tyr Phe Cys Gln Ser Phe Tyr Val Thr Ile
85 90 95

Ser Ala Met Val Asp Tyr Pro Phe Gly Gly Gly Thr Glu Val Val Val
100 105 110

Lys

<210> 230
<211> 109

<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 230

Ile Glu Met Thr Gln Thr Pro Ser Ser Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ser Ser Glu Asp Ile Asp Ser Tyr Leu
20 25 30

Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr
35 40 45

His Ala Ser Tyr Leu Thr Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Arg Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Asp Leu Glu Cys Asp
65 70 75 80

Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Ala Tyr Tyr Ser Ser Ser Ala
85 90 95

Asp Asn Thr Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105

<210> 231
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 231

Ala Leu Val Met Thr Gln Thr Pro Ala Ser Val Ser Ala Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Asp Ile Asp Ser Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Tyr Ala Ser Tyr Leu Thr Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Ser Gly Val Gln Cys
65 70 75 80

Asp Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Ala Phe Tyr Ser Asn Asn
85 90 95

Thr Glu Thr Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 232

<211> 113

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 232

Ala Asp Ile Val Met Thr Gln Thr Pro Ala Ser Val Glu Val Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Glu Asp Ile Glu Asn
20 25 30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Asp Ala Ser Asp Leu Thr Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Leu Glu
65 70 75 80

Cys Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Val Tyr Tyr Thr Ser
85 90 95

Ser Asp Asn Tyr Asn Asn Ala Phe Gly Gly Gly Thr Glu Val Val Val
100 105 110

Lys

<210> 233
<211> 109
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 233

Ile Lys Met Thr Gln Thr Pro Ala Ser Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Arg Ala Ser Glu Asp Ile Glu Ser Tyr Leu
20 25 30

Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr
35 40 45

Asp Ala Ser Asp Leu Ala Ser Gly Val Pro Ser Arg Val Lys Gly Ser
50 55 60

Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Gly Val Arg Cys Asp
65 70 75 80

Asp Ala Ala Thr Tyr Tyr Cys Gln His Gly Phe Tyr Thr Ser Arg Ser
85 90 95

Asp Ser Val Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105

<210> 234
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 234

Asp Val Val Met Thr Gln Thr Pro Ala Ser Val Glu Ala Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Ser Ile Ser Ser Tyr
20 25 30

Leu Ser Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Arg Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Asp Leu Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Cys Gly Tyr Tyr Gly Gly Ser
85 90 95

Tyr Ile Gly Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 235
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 235

Asp Val Val Met Thr Gln Thr Pro Ala Ser Val Glu Ala Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Ser Ile Gly Gly Val
20 25 30

Leu Ser Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Arg Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Glu Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Asp Leu Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Cys Asn Tyr Tyr Gly Gly Ser
85 90 95

Tyr Ile Gly Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 236

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 236

Ala Val Leu Thr Gln Thr Pro Ser Pro Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Ser Cys Gln Ser Ser Gln Ser Val Ser Asn Asn Asn
20 25 30

Tyr Leu Ser Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Ala Ala Ser Tyr Leu Ala Ser Gly Val Pro Pro Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Asp Tyr Asp Asn Asp
85 90 95

Ile Asp His Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 237

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 237

Asp Val Val Met Thr Gln Thr Pro Ala Ser Val Glu Ala Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Gln Ser Ile Ser Asn Leu
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Arg Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Asp Leu Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Cys Ser Tyr Tyr Gly Gly Ser
85 90 95

Tyr Ile Gly Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 238

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<220>

<221> misc_feature

<222> (97)..(97)

<223> Xaa can be any naturally occurring amino acid

<400> 238

Leu Asp Ile Lys Val Thr Gln Thr Pro Ala Val Ser Ala Ala Val Gly
1 5 10 15

Gly Thr Val Ser Ile Asn Cys Gln Ala Ser Glu Asp Ile Lys Asn Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Arg Pro Lys Leu Leu Ile
35 40 45

Tyr Asp Ala Ser Lys Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Ser Asp Leu Glu Cys
65 70 75 80

Asp Asp Ala Ala Thr Tyr Tyr Cys Gln His Gly Tyr Tyr Thr Ser Gly
85 90 95

Xaa Asp Asn Thr Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 239
<211> 109
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 239

Ile Glu Met Thr Gln Thr Pro Phe Ser Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Asn Ile Tyr Ser Ser Leu
20 25 30

Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Asp Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Ser Gly Val Gln Cys Ala
65 70 75 80

Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Ala Tyr Ser Ser Gly Ser Asp
85 90 95

Asp Asn Gly Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105

<210> 240
<211> 112
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 240

Ala Asp Ile Val Met Thr Gln Thr Pro Ser Pro Val Ser Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Gln Ser Ile Tyr Thr
20 25 30

Ala Leu Ala Trp Tyr Gln Gln Lys Ser Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Ala Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Leu Glu
65 70 75 80

Cys Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Asn Tyr Tyr Tyr Gly Asp
85 90 95

Asn Thr Tyr Asn Asn Thr Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 241

<211> 113

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<220>

<221> misc_feature

<222> (71)..(71)

<223> Xaa can be any naturally occurring amino acid

<400> 241

Ala Asp Ile Val Met Thr Gln Thr Pro Ala Ser Val Glu Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Thr Ile Ser Asn
20 25 30

Leu Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Ser Arg Ala Ser Ile Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Glu Ser Gly Thr Xaa Phe Thr Leu Thr Ile Thr Asp Leu Glu
65 70 75 80

Cys Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Asn Tyr Tyr Ser Ser
85 90 95

Ser Ser Ser Tyr Gly Asn Thr Phe Gly Gly Gly Thr Glu Val Val Val
100 105 110

Lys

<210> 242
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 242

Gln Val Leu Thr Gln Thr Pro Ser Ser Val Ser Glu Pro Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Asn Ile Tyr Ser Gly Leu
20 25 30

Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile Val
35 40 45

Ser Ala Phe Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly Ser
50 55 60

Gly Thr Gly Thr Glu Phe Thr Leu Thr Ile Ser Gly Val Gln Cys Asp
65 70 75 80

Asp Ala Ala Thr Tyr Tyr Cys Gln Thr Tyr Tyr Tyr Gly Ser Val Thr
85 90 95

Tyr Phe Asn Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 243
<211> 113
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 243

Ala Asp Ile Val Met Thr Gln Thr Pro Ala Ser Val Glu Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Ser Ile Ser Ser
20 25 30

Thr Tyr Leu Ser Trp Tyr Gln Gln Lys Pro Gly Gln Arg Pro Lys Leu
35 40 45

Leu Ile Tyr Gln Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe
50 55 60

Lys Gly Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Asp Leu
65 70 75 80

Glu Cys Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Gly Gly Tyr Phe Ser
85 90 95

Asp Asn Gly Cys Tyr Asn Ala Phe Gly Gly Gly Thr Glu Val Val Val
100 105 110

Lys

<210> 244
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 244

Ala Val Leu Thr Gln Thr Pro Ser Ser Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Leu Asn Cys Gln Ser Ser Gln Ser Ile Asp Ala Asn Asn
20 25 30

Asp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Arg Leu Leu
35 40 45

Ile Tyr Leu Ala Ser Lys Leu Ala Ser Gly Val Pro Ser Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Gly Tyr Asp Asp Asp
85 90 95

Ala Asp Asn Thr Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 245
<211> 112
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 245

Ala Asp Ile Val Met Thr Gln Thr Pro Ser Pro Val Ser Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Gln Ser Ile Tyr Thr
20 25 30

Ala Leu Ala Trp Tyr Gln Gln Lys Ser Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Ala Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Leu Glu
65 70 75 80

Cys Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Asn Tyr Tyr Tyr Gly Asp
85 90 95

Asn Thr Tyr Asn Asn Thr Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 246

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 246

Ala Val Leu Thr Gln Thr Pro Ser Ser Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Leu Asn Cys Gln Ser Ser Gln Ser Ile Asp Ala Asn Asn
20 25 30

Asp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Leu Ala Ser Thr Arg Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Gln
65 70 75 80

Cys Tyr Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Gly Tyr Asp Asp Asp
85 90 95

Ala Asp Asn Thr Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 247

<211> 113

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 247

Ala Asp Ile Val Met Thr Gln Thr Pro Ala Ser Val Ser Val Pro Val
1 5 10 15

Gly Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Ser Ile Tyr Asn
20 25 30

Tyr Leu Ser Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Arg Leu
35 40 45

Ile Tyr Tyr Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Asp Leu Glu
65 70 75 80

Cys Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Asn Ser Gly Val Asn
85 90 95

Gly Asn Arg Tyr Gly Asn Ala Phe Gly Gly Gly Thr Glu Val Val Val
100 105 110

Lys

<210> 248
<211> 111
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 248

Ala Asp Ile Val Met Thr Gln Thr Ala Ser Pro Val Ser Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Lys Cys Gln Ala Thr Glu Ser Ile Ser Ser
20 25 30

Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Gly Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Gly Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Ile Tyr Thr
85 90 95

Asn Val Asp Asn Thr Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 249
<211> 110

<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 249

Ala Tyr Asp Met Thr Gln Thr Pro Ala Ser Val Glu Val Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Thr Ile Ser Asn Glu
20 25 30

Leu Ser Trp Tyr Gln Gln Lys Ser Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Arg Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Gly Val Glu Cys
65 70 75 80

Asp Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Thr Thr Asn Asn
85 90 95

Val Asp Asn Leu Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 250
<211> 111
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 250

Ala Asp Ile Val Met Thr Gln Thr Pro Ser Ser Val Ser Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Arg Cys Gln Ala Ser Glu Ser Ile Gly Asn
20 25 30

Ala Leu Ala Trp Tyr Gln Leu Lys Pro Gly Gln Arg Pro Lys Leu Leu
35 40 45

Ile Tyr Tyr Thr Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Asp Leu Glu
65 70 75 80

Cys Asp Ala Ala Ala Thr Tyr Tyr Cys Gln Ser Tyr Asp Ser Val Ser
85 90 95

Ser Tyr Gly Val Gly Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 251
<211> 109
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 251

Ile Glu Met Thr Gln Thr Pro Phe Ser Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Asn Ile Tyr Arg Ser Leu
20 25 30

Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr
35 40 45

Asp Ala Ser Asp Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly Ser
50 55 60

Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Ser Gly Val Gln Cys Ala
65 70 75 80

Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Ala Tyr Thr Ser Ser Asn Thr
85 90 95

Asp Asn Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105

<210> 252
<211> 112
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 252

Ala Asp Ile Val Met Thr Gln Thr Pro Ser Ser Val Ser Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Tyr Cys Gln Ala Ser Gln Ser Ile Pro Ser
20 25 30

Leu Leu Ala Trp Tyr Gln Gln Lys Ser Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Ala Pro Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Ala Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Leu Glu
65 70 75 80

Cys Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Tyr Tyr Tyr Gly Asp
85 90 95

Asn Thr Tyr Asn Asn Ile Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 253
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 253

Ala Val Leu Thr Gln Thr Pro Ser Pro Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Ser Cys Gln Ser Ser Gln Asp Val Asp Lys Asn Asn
20 25 30

Asp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Leu Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Ser
50 55 60

Gly Gly Gly Ser Gly Thr Gln Phe Ser Leu Thr Ile Ser Gly Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Gly Tyr Asp Asp Asp
85 90 95

Ala Asp Asn Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 254
<211> 111
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 254

Ala Leu Val Met Thr Gln Thr Pro Ala Ser Val Glu Ala Val Val Gly
1 5 10 15

Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Gln Ser Ile Ser Asn Leu
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Tyr Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Ala Gly Val Gln Cys
65 70 75 80

Ala Asp Ala Ala Ala Tyr Tyr Cys Gln Gly Tyr Tyr Asp Arg Ser Ser
85 90 95

Thr Asp Met Leu Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 255

<211> 109

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 255

Ile Asp Met Thr Gln Thr Pro Ser Ser Val Ser Ala Gly Val Gly Asp
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Asn Ile Tyr Ser Phe Leu
20 25 30

Ala Trp Tyr Gln Gln Lys Pro Gly His Ser Pro Lys Leu Leu Ile Tyr
35 40 45

Phe Ala Ser Lys Leu Ala Ser Gly Val Ser Ser Arg Phe Lys Gly Ser
50 55 60

Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Val Gln Cys Asp
65 70 75 80

Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Thr Tyr Ser Tyr Ser Asp Ala
85 90 95

Asp Asn Thr Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105

<210> 256

<211> 112

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 256

Gln Val Leu Thr Gln Thr Pro Ser Ser Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ser Ser Gln Ser Val Tyr Arg Asn Asn
20 25 30

Asp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Gln Ala Ser Lys Leu Ala Ser Gly Val Pro Ser Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Ser Tyr Asp Cys Ser
85 90 95

Ser Gly Asp Cys Phe Thr Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 257
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 257

Asp Val Val Met Thr Gln Thr Pro Ser Ser Val Ser Glu Pro Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Glu Glu Ile Ser Ser Asn
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Met
35 40 45

Tyr Ala Ala Ser Asn Leu Ala Ser Gly Val Ser Ser Arg Leu Lys Gly
50 55 60

Ser Arg Ser Gly Thr Asp Tyr Thr Leu Thr Ile Ser Gly Val Gln Cys
65 70 75 80

Asp Asp Ala Ala Thr Tyr Phe Cys Gln Cys Thr Tyr Ile Gly Ser Gly
85 90 95

Tyr Val Val Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 258
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 258

Gln Val Leu Thr Gln Thr Pro Ser Ser Val Ser Glu Pro Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Asn Ile Tyr Asn Ala Leu
20 25 30

Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr
35 40 45

Arg Ala Ser Ser Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Ala Val Gln Cys Asp
65 70 75 80

Asp Ala Ala Thr Tyr Tyr Cys Gln Thr Cys Tyr Tyr Asp Ser Ala Thr
85 90 95

Tyr Phe Asn Thr Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 259

<211> 112

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 259

Gln Val Leu Thr Gln Thr Ala Ser Pro Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ala Ser Gln Ser Val Tyr Asn Lys Asn
20 25 30

Tyr Leu Ala Trp Phe Gln Gln Lys Pro Gly Gln Pro Pro Lys Arg Leu
35 40 45

Ile Tyr Gln Ala Ser Lys Leu Ala Ser Gly Val Ser Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Thr Tyr Ala Cys Ser
85 90 95

Ser Ala Asp Cys Asn Val Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 260

<211> 109

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 260

Ile Lys Met Thr Gln Thr Leu Ala Ser Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Gly Ser Ile Ser Cys Gln Ala Ser Glu Asp Ile Gly Asn Tyr Val
20 25 30

Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Phe Leu Ile Tyr
35 40 45

Asp Thr Ser His Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly Ser
50 55 60

Arg Ser Gly Lys Glu Phe Thr Leu Thr Ile Ser Gly Val Gln Cys Asp
65 70 75 80

Asp Ala Ala Thr Tyr Tyr Cys Gln His Gly Tyr Tyr Thr Ser Asp Thr
85 90 95

Asp Asn Thr Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105

<210> 261
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 261

Gln Val Leu Thr Gln Thr Pro Ser Ser Val Ser Glu Pro Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Asn Ile Tyr Asn Ser Leu
20 25 30

Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr
35 40 45

Gln Ala Ser Ser Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly Ser
50 55 60

Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Gly Val Gln Cys Asp
65 70 75 80

Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Tyr Tyr Tyr Ser Ser Val Thr
85 90 95

Tyr Phe Asn Thr Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 262
<211> 109
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 262

Ala Val Leu Thr Gln Thr Pro Ser Ser Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ser Ser Gln Ser Val Asn Asn Asn Asp
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Gln Ala Ser Thr Leu Ala Ser Gly Val Pro Asp Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Gln Cys
65 70 75 80

Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Gly Tyr Asp Asp Asp Ala
85 90 95

Asp Asn Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105

<210> 263

<211> 112

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 263

Asp Val Val Met Thr Gln Thr Pro Ala Ser Val Ser Ala Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Ser Ile Tyr Ser Asn
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Arg Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Ser Asp Leu Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Gly Tyr Leu Tyr Ser Ser Ser
85 90 95

Val Ser Tyr Gly Asn Thr Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 264

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 264

Ala Tyr Asp Met Thr Gln Thr Pro Ala Ser Val Glu Val Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Glu Ser Ile Ala Asn Glu
20 25 30

Leu Ser Trp Tyr Gln Arg Lys Ser Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Arg Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Glu Cys
65 70 75 80

Asp Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Thr Thr Ile Asn
85 90 95

Ile Asp Asn Leu Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 265
<211> 111
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 265

Ala Asn Ile Lys Met Thr Arg Thr Pro Phe Ser Val Ser Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Ser Val Tyr Ser
20 25 30

Asn Leu Ala Trp Phe Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Ala Ala Ser Asn Pro Ala Ser Gly Val Pro Ser Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Ser Gly Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Ala Tyr Tyr Ser Gly
85 90 95

Ser Gly Asp Val Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 266
<211> 111
<212> PRT
<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 266

Ala Asp Ile Val Leu Thr Gln Thr Pro Ala Ser Val Gly Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Thr Ile Ser Thr
20 25 30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Arg Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Lys Ala Ser Thr Leu Ala Ser Gly Val Ser Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Asp Leu Glu
65 70 75 80

Cys Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Tyr Tyr Trp Gly Thr
85 90 95

Ser Asp Ile Tyr Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 267

<211> 109

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 267

Ile Glu Met Thr Gln Thr Pro Phe Ser Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Asn Ile Tyr Ser Ser Leu
20 25 30

Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr
35 40 45

Ala Ala Ser Asp Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly Ser
50 55 60

Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Ser Gly Val Gln Cys Ala
65 70 75 80

Asp Val Ala Thr Tyr Tyr Cys Gln His Ala Tyr Tyr Ser Gly Ile Val
85 90 95

Asp Asn Gly Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105

<210> 268
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 268

Ala Leu Val Met Thr Gln Thr Pro Ala Ser Val Glu Val Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Ser Ile Thr Asn Tyr
20 25 30

Leu Ala Trp Tyr Arg Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Gly Ala Ser Lys Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Ser Gly Val Gln Cys
65 70 75 80

Asp Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Thr Ser Ser Asn
85 90 95

Val Asp Asn Pro Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 269

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 269

Ala Leu Val Met Thr Gln Thr Pro Ser Ser Val Ser Ala Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Gln Asn Ile Tyr Ser Asn
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Arg Pro Lys Leu Leu Ile
35 40 45

Tyr Tyr Thr Ser Asn Leu Ala Ser Gly Val Ser Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Ser Asp Leu Glu Cys
65 70 75 80

Asp Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Ala Tyr Tyr Ser Ser Ser
85 90 95

Ala Asp Asn Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 270

<211> 113

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 270

Ala Asp Ile Val Met Thr Arg Thr Pro Val Ser Val Glu Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Glu Ser Ile Asp Ser
20 25 30

Asn Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Arg Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Asp Leu Glu
65 70 75 80

Cys Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Asn Tyr Tyr Thr Thr
85 90 95

Ser Thr Ser Tyr Gly Asn Pro Phe Gly Gly Gly Thr Glu Val Val Val
100 105 110

Lys

<210> 271

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 271

Ala Tyr Asp Met Thr Gln Thr Pro Ala Thr Val Glu Val Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Gln Ser Ile Ser Asn Leu
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Arg Pro Lys Leu Leu Ile
35 40 45

Tyr Asp Thr Ser Asp Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Thr Gly Val Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Ser Ser Ser Asn
85 90 95

Ile Asp Asn Val Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 272

<211> 113

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 272

Ala Asp Ile Val Met Thr Gln Thr Pro Phe Ser Val Ser Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Ser Ile Tyr Ser
20 25 30

Asn Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Arg Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Ser Asp Leu Glu
65 70 75 80

Cys Ala Asp Ala Thr Thr Tyr Tyr Cys Gln Gly Tyr Tyr Tyr Ser Ser
85 90 95

Ser Ser Ser Tyr Gly Asn Thr Phe Gly Gly Gly Thr Glu Val Val Val
100 105 110

Lys

<210> 273
<211> 109
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 273

Gln Val Leu Thr Gln Thr Pro Ser Pro Val Ser Val Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ala Thr Gln Ser Val Tyr Asp Asn Asn
20 25 30

Ala Leu Ser Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Ala Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Gln Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr His Cys Leu Gly Ser Tyr Ser Gly Gly
85 90 95

Ile Arg Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105

<210> 274
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 274

Gln Val Leu Thr Gln Thr Pro Ser Ser Val Ser Glu Pro Val Gly Ala
1 5 10 15

Thr Val Thr Ile Asn Cys His Ala Ser Glu Asn Ile Tyr Ala Ser Leu
20 25 30

Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr
35 40 45

Ser Ala Phe Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly Ser
50 55 60

Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Gly Val Gln Cys Asp
65 70 75 80

Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Tyr Tyr Tyr Ser Ser Val Thr
85 90 95

Tyr Phe Asn Val Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 275
<211> 110
<212> PRT
<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 275

Ala Phe Glu Met Thr Gln Thr Pro Ser Ser Val Glu Ala Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Ser Ile Tyr Asn Ala
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Phe Ala Ala Thr Leu Thr Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Ser Asp Leu Glu Cys
65 70 75 80

Ala Asp Ala Gly Thr Tyr Tyr Tyr Gln Ser Tyr Tyr Asp Gly Val Pro
85 90 95

Gly Phe Trp Pro Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 276

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 276

Ile Val Met Thr Gln Thr Pro Ser Ser Lys Ser Val Pro Val Gly Asp
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Ser Val Tyr Gly Asn Asn
20 25 30

Trp Leu Ala Trp Tyr Gln Gln Lys Ala Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Gln Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Val Val
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Thr Gly Trp Lys Asp Glu Ile
85 90 95

Asp Gly Ile Gly Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 277

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 277

Asp Val Val Met Thr Gln Thr Pro Ala Ser Val Ser Gly Pro Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Asn Ile Asp Ser Asp
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Arg Pro Lys Leu Leu Ile
35 40 45

Tyr Asp Ala Ser Lys Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Tyr Gly Thr Glu Phe Thr Leu Thr Ile Ser Gly Val Gln Cys
65 70 75 80

Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Tyr Thr Tyr Tyr Ile Asn Thr
85 90 95

Tyr Gly Gly Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 278

<211> 114

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 278

Ala Asp Ile Val Met Thr Gln Thr Pro Ala Ser Val Glu Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Gln Ser Ser Ser Asn
20 25 30

Leu Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Arg Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Ile Glu Phe Thr Leu Thr Ile Ser Asp Leu Glu
65 70 75 80

Cys Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Thr Asn Tyr Tyr Arg Ser
85 90 95

Ser Ser Ser Thr Tyr Glu Gly Ala Phe Gly Gly Gly Thr Glu Val Val
100 105 110

Val Lys

<210> 279
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 279

Ala Tyr Asp Met Thr Gln Thr Pro Ala Ser Val Glu Val Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Ser Ile Ser Asn Leu
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Arg Ala Ser Asp Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Gly Val Gln Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Ser Tyr Ser Asn
85 90 95

Val Asp Asn Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 280
<211> 111
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 280

Ala Phe Glu Leu Thr Gln Thr Pro Ser Ser Val Glu Ala Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Ser Ile Ser Asn Ala
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Ser Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Ser Asp Leu Glu Cys
65 70 75 80

Ala Asp Ala Ala Ser Tyr Tyr Cys Gln Gly Tyr Tyr Asp Gly Ser Ser
85 90 95

Ile Gly Phe Trp Pro Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 281

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 281

Ala Val Leu Thr Gln Thr Pro Ser Pro Val Ser Glu Pro Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ser Ser Gln Ser Ile Tyr Ser Asn Asn
20 25 30

Tyr Leu Ser Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Lys Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Ala Gly Asp Tyr Asp Ile Thr
85 90 95

Thr Asp Ile Val Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 282

<211> 115

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 282

Ala Asp Ile Val Met Thr Gln Thr Pro Ala Ser Val Glu Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Glu Asp Ile Glu Ser
20 25 30

Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Gly Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Leu Glu
65 70 75 80

Cys Ala Asp Ala Ala Thr Tyr Phe Cys Gln Ser Tyr Tyr Tyr Thr Asp
85 90 95

Ser Asn Asp Tyr Gly Ala Asn Asn Val Phe Gly Gly Gly Thr Glu Val
100 105 110

Val Val Lys
115

<210> 283
<211> 111
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 283

Asp Val Val Met Thr Gln Thr Pro Ala Ser Val Ser Glu Pro Val Gly
1 5 10 15

Gly Thr Ile Thr Ile Asn Cys Gln Ala Ser Glu Asp Ile Glu Ser Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Arg Pro Lys Leu Leu Ile
35 40 45

Tyr Gly Ala Ser Asn Leu Ala Ser Gly Val Ser Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Leu Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Cys Thr Tyr Tyr Ala Thr Ile
85 90 95

Tyr Ala Asn Val Val Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 284
<211> 111
<212> PRT
<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 284

Gln Gly Pro Thr Gln Thr Pro Ser Ser Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Thr Ser Glu Ser Val Asn Ser Asn Asn
20 25 30

Ile Leu Ser Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Val Tyr Asp Thr Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Gln Gly Ser Tyr Ala Ser Ser
85 90 95

Gly Trp Tyr Val Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 285

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 285

Gln Gly Pro Thr Gln Thr Pro Ser Ser Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Thr Ser Glu Ser Phe Gly Gly Gly Asn
20 25 30

Ile Leu Ser Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Asp Ser Ser Thr Leu Thr Ser Gly Val Pro Ser Arg Phe Arg
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Gln Gly Ser Asp His Ser Gly
85 90 95

Ala Trp Tyr Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 286

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 286

Ala Val Leu Thr Gln Thr Pro Ser Pro Val Ser Val Val Val Gly Gly
1 5 10 15

Thr Val Thr Ile Lys Cys Gln Ser Ser Gln Thr Ile Tyr Ser Asn Tyr
20 25 30

Leu Ser Trp Tyr Gln Gln Arg Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Trp Ser Ala Ser Ser Leu Ala Ser Gly Val Pro Asp Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Gln Cys
65 70 75 80

Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Gly Tyr Asp Asp Asp Ala
85 90 95

Asp Pro Asn Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 287

<211> 111

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 287

Ala Gln Val Val Met Thr Gln Thr Pro Ala Val Ser Ala Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Asn Ile Tyr Ser Asn
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Gly Thr Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Gly Val Gln Cys
65 70 75 80

Glu Asp Ala Ala Thr Tyr Tyr Cys Gln Gly Tyr Tyr Tyr Ser Ser Arg
85 90 95

Ser Ala Asp Thr Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 288

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 288

Ile Val Met Thr Gln Thr Pro Ser Ser Lys Ser Val Pro Val Gly Asp
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Ser Val Tyr Gly Asn Asn
20 25 30

Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Leu Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Val Val
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Thr Gly Phe Lys Asp Glu Ile
85 90 95

Ala Gly Thr Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 289

<211> 111

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 289

Ala Asn Ile Val Leu Thr Gln Thr Ala Ser Pro Val Ser Gly Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Asn Ile Tyr Ser
20 25 30

Asn Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Asn Leu Leu
35 40 45

Ile Tyr Tyr Thr Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Ala Glu Tyr Thr Leu Thr Ile Ser Gly Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Ala Tyr Tyr Ser Gly
85 90 95

Ser Gly Asn Cys Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 290

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 290

Gln Val Leu Thr Gln Thr Pro Ser Ser Thr Ser Glu Pro Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ala Ser Gln Ser Ile Ser Ser Tyr Leu
20 25 30

Ser Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile Tyr
35 40 45

Ser Ala Ser Thr Leu Ala Ser Trp Val Pro Lys Arg Phe Ser Gly Ser
50 55 60

Arg Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Gln Cys Asp
65 70 75 80

Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Ala Tyr Gly Tyr Thr Ser Asp
85 90 95

Asp Ala Phe Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 291
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 291

Ile Val Met Thr Gln Thr Pro Ser Ser Lys Ser Val Pro Val Gly Asp
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Ser Val Tyr Gly Asn Asn
20 25 30

Trp Leu Ala Trp Tyr Gln Gln Lys Thr Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Gln Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Val Val
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Thr Gly Trp Lys Asp Glu Ile
85 90 95

Asp Gly Ile Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 292
<211> 112

<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 292

Ala Leu Val Met Thr Gln Thr Pro Ser Pro Val Ser Ala Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Gln Ser Val Tyr Asp Ser
20 25 30

Asn Tyr Leu Ala Trp Phe Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu
35 40 45

Leu Ile Trp Tyr Val Ser Thr Leu Ala Ser Gly Val Pro Asp Arg Phe
50 55 60

Ser Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val
65 70 75 80

Gln Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Leu Tyr Gly Asp
85 90 95

Asp Ser Phe Thr Trp Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 293
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 293

Ala Tyr Asp Met Thr Gln Thr Pro Ala Ser Val Glu Val Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Glu Ser Ile Tyr Asn Phe
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Ser Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Ser Asp Leu Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Asp Tyr Ser Asp
85 90 95

Val Asp Asn Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 294

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 294

Ala Leu Val Met Thr Gln Thr Pro Ala Ser Val Glu Ala Asp Val Gly
1 5 10 15

Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Ser Ile Ser Asn Leu
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Arg Pro Lys Leu Leu Ile
35 40 45

Tyr Arg Ala Ser Ile Leu Thr Ser Gly Val Ser Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Glu Tyr Thr Leu Thr Ile Asn Gly Val Gln Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln His Gly Tyr Thr Gly Thr Asn
85 90 95

Val Gln Asn Val Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 295

<211> 109

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 295

Gln Val Leu Thr Gln Thr Pro Ser Ser Thr Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ser Ser Gln Ser Val Tyr Lys Ser Asp
20 25 30

Trp Leu Gly Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Lys Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Leu Glu
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Gln Gly Gly Tyr Ser Pro Ala
85 90 95

Ser Tyr Pro Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105

<210> 296
<211> 106
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 296

Ala Tyr Asp Met Thr Gln Thr Pro Ala Ser Val Glu Val Pro Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Ser Ile Ser Ile Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Arg Asp Ala Ser Asp Leu Ala Ser Gly Val Pro Ser Arg Phe Thr Gly
50 55 60

Ser Gly Ser Gly Ala Gln Phe Thr Leu Thr Ile Ser Gly Val Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Leu Asn Ser Ile Gly
85 90 95

Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105

<210> 297
<211> 106
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 297

Ala Gly Asp Met Thr Gln Thr Pro Ala Ser Val Glu Val Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Ser Ile Asn Ile Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Asp Ala Ser Lys Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Asp Leu Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Ile Asn Asn Ile Gly
85 90 95

Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105

<210> 298

<211> 109

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 298

Gln Val Leu Thr Gln Thr Ala Ser Pro Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Ser Ile Ser Cys Gln Ser Ser Glu Asn Val Tyr Lys Asn Asn
20 25 30

Tyr Leu Ala Trp Phe Gln His Lys Pro Gly Gln Pro Pro Lys Arg Leu
35 40 45

Ile Asp Ser Ala Ser Thr Leu Glu Ser Gly Val Pro Ser Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Val Ala Leu Tyr Ser Gly Asn
85 90 95

Ile Tyr Ile Val Gly Gly Gly Thr Glu Val Val Val Lys
100 105

<210> 299

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 299

Ala Tyr Asp Met Thr Gln Thr Pro Ala Ser Val Glu Val Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Glu Ser Ile Phe Ser Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Arg Pro Lys Leu Leu Ile
35 40 45

Tyr Tyr Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Asp Phe Ser Ala
85 90 95

Val Asp Asn Val Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 300
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 300

Ala Val Leu Thr Gln Thr Pro Ser Pro Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Ser Cys Gln Ser Ser Gln Ser Val Ser Asn Asn Asn
20 25 30

Tyr Leu Ser Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Ala Ala Ser Tyr Leu Glu Thr Gly Val Pro Ser Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Asp Tyr Asp Asn Asp
85 90 95

Val Asp His Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 301
<211> 112
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 301

Gln Val Leu Thr Gln Thr Ala Ser Pro Val Ser Ala Ala Val Gly Ser
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ala Ser Arg Ser Val Tyr Asn Asn Asn
20 25 30

Tyr Leu Ser Trp Phe Gln Gln Lys Ser Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Ser Ala Ser Thr Leu Pro Ser Gly Val Ser Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Asn Tyr Asp Cys Gly
85 90 95

Ser Ala Asp Cys Tyr Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 302
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 302

Ala Tyr Asp Met Thr Gln Thr Pro Ala Ser Val Glu Ala Val Val Gly
1 5 10 15

Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Gln Ser Ile Ser Asn Leu
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Arg Pro Lys Leu Leu Ile
35 40 45

Tyr Tyr Ala Ser Thr Leu Ala Ser Gly Val Ser Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Asp Val Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Ser Ser Gly Asn
85 90 95

Leu Asp Asn Gly Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 303

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 303

Ala Tyr Asp Met Thr Gln Thr Pro Ala Ser Val Glu Val Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Ser Ile Tyr Ser Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Gln Leu Ile
35 40 45

Tyr Tyr Thr Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Ser Gly
50 55 60

Ser Gly Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Gly Val Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Ser Lys Thr Asp
85 90 95

Leu Asp Asn Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 304
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 304

Ala Val Leu Thr Gln Thr Pro Ser Pro Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Ser Cys Gln Ser Ser Gln Ser Val Ser Asn Asp Asn
20 25 30

Tyr Leu Ser Trp Tyr Gln Gln Arg Pro Glu Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Ala Ala Ser Tyr Leu Ala Ser Gly Val Pro Ser Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Asp Tyr Asp Asn Asp
85 90 95

Val Asp His Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 305
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 305

Ala Val Leu Thr Gln Thr Pro Ser Pro Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Ser Cys Gln Ser Ser Gln Ser Val Ser Asn Asn Asn
20 25 30

Tyr Leu Ser Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Ala Ala Ser Tyr Leu Ala Ser Gly Val Pro Ser Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Asp Tyr Asp Asn Asp
85 90 95

Val Asp His Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 306

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 306

Ala Val Leu Thr Gln Thr Pro Ser Pro Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Ser Cys Gln Ser Ser Gln Ser Val Asp Ser Asn Asn
20 25 30

Asp Leu Ala Trp Tyr Gln Arg Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Gln Ala Ser Lys Leu Ala Ser Gly Val Pro Ser Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Gly Tyr Asp Asp Asp
85 90 95

Ala Asp Asn Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 307

<211> 111

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 307

Ala Asp Ile Val Met Thr Gln Thr Pro Ala Ser Val Glu Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Ser Ile Ser Ser
20 25 30

Tyr Leu Asn Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Ser Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Glu
65 70 75 80

Cys Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Ser Asp Ser
85 90 95

Asn Ile Asp Asn Val Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 308
<211> 112
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 308

Gln Val Leu Thr Gln Thr Ala Ser Pro Val Ser Ala Ala Val Gly Asn
1 5 10 15

Thr Val Thr Ile Asn Cys Gln Ala Ser Gln Ser Val Tyr Asn Asn Asn
20 25 30

Tyr Leu Ser Trp Phe Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Ser Ala Ser Thr Leu Pro Ser Gly Val Ser Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Arg Asp Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Asn Tyr Asp Cys Gly
85 90 95

Ser Ala Asp Cys Tyr Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 309
<211> 110
<212> PRT
<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 309

Ala Leu Val Met Thr Gln Thr Pro Ala Ser Val Glu Ala Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Gln Ser Ile Ser Asn Leu
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Arg Pro Lys Leu Leu Ile
35 40 45

Tyr Arg Ala Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ala Gly Thr Glu Tyr Thr Leu Thr Ile Ser Gly Val Gln Cys
65 70 75 80

Asp Asp Ala Ala Thr Tyr His Cys Gln His Gly Tyr Thr Gly Ser Asn
85 90 95

Val His Asn Val Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 310

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 310

Ala Val Leu Thr Gln Thr Pro Ser Pro Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Ser Cys Gln Ser Ser Gln Ser Val Ser Asn Asn Asn
20 25 30

Tyr Leu Ser Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Ala Ala Ser Tyr Leu Ala Ser Gly Val Pro Ser Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Ile Ile Ser Gly Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Asp Tyr Asp Asn Asp
85 90 95

Val Asp His Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 311
<211> 114
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 311

Ala Asp Ile Val Met Thr Gln Thr Pro Ala Ser Val Glu Ala Ala Val
1 5 10 15

Gly Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Glu Ser Ile Asp Ser
20 25 30

Gly Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Arg Pro Lys Leu Leu
35 40 45

Ile Tyr Asp Ser Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Asp Leu Glu
65 70 75 80

Cys Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Ser Asn Tyr Asp Thr Gly
85 90 95

Ser Ser Val Tyr Asp Trp Gly Ser Phe Gly Gly Gly Thr Glu Val Val
100 105 110

Val Lys

<210> 312

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 312

Leu Val Met Thr Gln Thr Pro Ser Pro Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Ser Cys Gln Ala Ser Gln Ser Leu Tyr Asn Lys Asp
20 25 30

Ala Cys Ser Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu
35 40 45

Ile Tyr Tyr Ala Phe Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Ala Gly Asp Phe Ile Ser Ser
85 90 95

Ser Asp Asn Gly Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 313
<211> 111
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 313

Gln Val Leu Thr Gln Thr Ala Ser Ser Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Ser Cys Gln Ser Ser Gln Ser Val Tyr Asn Asn Asn
20 25 30

Trp Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Arg Pro Lys Leu Leu
35 40 45

Ile Tyr Asp Ala Ser Lys Leu Ala Ser Gly Val Pro Ser Arg Phe Lys
50 55 60

Gly Ser Gly Ser Gly Thr Arg Phe Thr Leu Thr Ile Ser Asp Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Gly Tyr Pro Gly Gly
85 90 95

Ser Asp Val His Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 314
<211> 106
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 314

Ala Tyr Asp Met Thr Gln Thr Pro Ala Ser Val Glu Val Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Gln Ser Ile Val Thr Tyr
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Asp Ala Ser Asp Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Gly Val Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Ile Asn Asn Ile Ala
85 90 95

Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105

<210> 315

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 315

Ala Ile Lys Met Thr Gln Thr Pro Ala Ser Val Ser Glu Pro Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Glu Asn Ile Asn Ser Trp
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Glu Ala Ser Lys Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Leu Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Ile Tyr Ile Asp
85 90 95

Val Gly Asn Ile Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 316

<211> 110

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 316

Ala Ile Lys Met Thr Gln Thr Pro Ser Ser Val Ser Ala Ala Val Gly
1 5 10 15

Gly Thr Val Thr Ile Asn Cys Gln Ala Ser Glu Ser Ile Ser Ser Trp
20 25 30

Leu Ser Trp Tyr Gln Gln Lys Pro Gly Gln Arg Pro Lys Leu Leu Ile
35 40 45

Tyr Glu Ala Ser Lys Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Gly Ser Gly Thr Gln Phe Thr Leu Thr Ile Ser Asp Leu Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Gln Gly Tyr Ile Tyr Ile Asp
85 90 95

Val Gly Asn Thr Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 317
<211> 110
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 317

Ala Ala Leu Thr Gln Thr Pro Ser Pro Val Ser Ala Ala Val Gly Gly
1 5 10 15

Thr Val Thr Ile Lys Cys Gln Ser Ser Gln Ser Val Asp Asn Asn Asn
20 25 30

Glu Leu Ser Trp Tyr Gln Gln Lys Pro Gly Arg Pro Pro Met Leu Leu
35 40 45

Ile Tyr Ala Ala Ser Asn Leu Ala Ser Gly Val Pro Ser Arg Phe Ser
50 55 60

Gly Ser Gly Ser Gly Thr Gln Phe Ser Leu Thr Ile Ser Gly Val Gln
65 70 75 80

Cys Asp Asp Ala Ala Thr Tyr Tyr Cys Leu Gly Gly Tyr Asp Asp Asp
85 90 95

Ala Glu Asn Ala Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 318
<211> 111
<212> PRT
<213> Artificial Sequence

<220>
<223> Made in Lab - Light chain sequence from rabbit hybridoma

<400> 318

Asp Val Val Met Thr Gln Thr Pro Ala Ser Val Ser Glu Pro Val Gly
1 5 10 15

Gly Thr Val Thr Ile Lys Cys Gln Ala Ser Glu Ser Ile Gly Asn Asn
20 25 30

Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Pro Pro Lys Leu Leu Ile
35 40 45

Tyr Gly Thr Ser Thr Leu Ala Ser Gly Val Pro Ser Arg Phe Lys Gly
50 55 60

Ser Arg Ser Gly Thr Glu Phe Thr Leu Thr Ile Ser Asp Leu Glu Cys
65 70 75 80

Ala Asp Ala Ala Thr Tyr Tyr Cys Gln Cys Thr Tyr Tyr Gly Ser Ser
85 90 95

Tyr Val Glu Ser Ser Phe Gly Gly Gly Thr Glu Val Val Val Lys
100 105 110

<210> 319
<211> 38
<212> PRT
<213> Homo sapiens

<400> 319

Thr Cys Arg Leu Arg Glu Tyr Tyr Asp Gln Thr Ala Gln Met Cys Cys
1 5 10 15

Ser Lys Cys Ser Pro Gly Gln His Ala Lys Val Phe Cys Thr Lys Thr
20 25 30

Ser Asp Thr Val Cys Asp
35

<210> 320
<211> 36
<212> PRT

<213> Homo sapiens

<400> 320

Asp Ser Thr Tyr Thr Gln Leu Trp Asn Trp Val Pro Glu Cys Leu Ser
1 5 10 15

Cys Gly Ser Arg Cys Ser Ser Asp Gln Val Glu Thr Gln Ala Cys Thr
20 25 30

Arg Glu Gln Asn
35

<210> 321

<211> 28

<212> PRT

<213> Homo sapiens

<400> 321

Leu Ser Lys Gln Glu Gly Cys Arg Leu Cys Ala Pro Leu Arg Lys Cys
1 5 10 15

Arg Pro Gly Phe Gly Val Ala Arg Pro Gly Thr Glu
20 25

<210> 322

<211> 20

<212> PRT

<213> Homo sapiens

<400> 322

Leu Cys Ala Pro Leu Arg Lys Cys Arg Pro Gly Phe Gly Val Ala Arg
1 5 10 15

Pro Gly Thr Glu
20

<210> 323

<211> 28

<212> PRT

<213> Homo sapiens

<400> 323

Thr Phe Ser Asn Thr Thr Ser Ser Thr Asp Ile Cys Arg Pro His Gln
1 5 10 15

Ile Cys Asn Val Val Ala Ile Pro Gly Asn Ala Ser
20 25

<210> 324

<211> 14

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - spacer sequence

<400> 324

Glu Gly Lys Ser Ser Gly Ser Gly Ser Glu Ser Lys Val Asp
1 5 10

<210> 325

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - spacer sequence

<400> 325

Lys Glu Ser Gly Ser Val Ser Ser Glu Gln Leu Ala Gln Phe Arg Ser
1 5 10 15

Leu Asp

<210> 326

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Made in Lab - linker sequence

<400> 326

Gly Gly Gly Gly Ser
1 5

<210> 327

<211> 41

<212> PRT

<213> Homo sapiens

<400> 327

Cys Arg Leu Arg Glu Tyr Tyr Asp Gln Thr Ala Gln Met Cys Cys Ser
1 5 10 15

Lys Cys Ser Pro Gly Gln His Ala Lys Val Phe Cys Thr Lys Thr Ser
20 25 30

Asp Thr Val Cys Asp Ser Cys Glu Asp
35 40

<210> 328

<211> 8

<212> PRT

<213> Homo sapiens

<400> 328

Thr Ala Gln Met Cys Cys Ser Lys
1 5

<210> 329

<211> 5

<212> PRT

<213> Homo sapiens

<400> 329

Thr Val Cys Asp Ser
1 5