SEQUENCE LISTING

<110> ENGMAB AG

<120> BISPECIFIC ANTIBODIES AGAINST CD3EPSILON AND BCMA FOR USE IN TREATMENT OF DISEASES

<130> B218-0008WO1

<150> EP14196168.0
<151> 2014-12-03

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1 5 10 15
Thr Val Thr Leu Thr Cys Gly Ser Ser Thr Gly Ala Val Thr Thr Ser
20 25 30
Asn Tyr Ala Asn Trp Val Gln Glu Lys Pro Gly Gln Ala Phe Arg Gly
35 40 45
Leu Ile Gly Gly Thr Asn Lys Arg Ala Pro Gly Thr Pro Ala Arg Phe
50 55 60
Ser Gly Ser Leu Leu Gly Gly Lys Ala Ala Leu Thr Leu Ser Gly Ala
65 70 75 80
Gln Pro Glu Asp Glu Ala Glu Tyr Tyr Cys Ala Leu Trp Tyr Ser Asn
85 90 95
Leu Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

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<220>
<223> CH2527 CDRL1

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<213> Mus musculus

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<400> 3
Gly Thr Asn Lys Arg Ala Pro
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Ala Leu Trp Tyr Ser Asn Leu Trp Val
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Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Thr Tyr
20 25 30
Ala Met Asn Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45
Ser Arg Ile Arg Ser Lys Tyr Asn Asn Tyr Ala Thr Tyr Tyr Ala Asp
50 55 60
Ser Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp 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 His Gly Asn Phe Gly Asn Ser Tyr Val Ser Trp Phe
100 105 110
Ala Tyr Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
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<400> 6
Thr Tyr Ala Met Asn
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<210> 7
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<212> PRT
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<220>
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<400> 7
Arg Ile Arg Ser Lys Tyr Asn Asn Tyr Ala Thr Tyr Tyr Ala Asp Ser
1 5 10 15
Val Lys Gly

<210> 8
<211> 14
<212> PRT
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<220>
<223> CH2527 CDRH3

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His Gly Asn Phe Gly Asn Ser Tyr Val Ser Trp Phe Ala Tyr
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<210> 9
<211> 109
<212> PRT
<213> Homo sapiens

<220>
<223> 83A10 VL

<400> 9
Glu Ile Val Leu Thr Gln Ser Pro Gly Thr Leu Ser Leu Ser Pro Gly
1 5 10 15
Glu Arg Ala Thr Leu Ser Cys Arg Ala Ser Gln Ser Val Ser Ser Ser
20 25 30
Tyr Leu Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ala Pro Arg Leu Leu
35 40 45
Ile Tyr Gly Ala Ser Ser Arg Ala Thr Gly Ile Pro Asp Arg Phe Ser
50 55 60
Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Ser Arg Leu Glu
65 70 75 80
Pro Glu Asp Phe Ala Val Tyr Tyr Cys Gln Gln Tyr Gly Tyr Pro Pro
85 90 95
Asp Phe Thr Phe Gly Gln Gly Thr Lys Val Glu Ile Lys
100 105

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Arg Ala Ser Gln Ser Val Ser Ser Ser Tyr Leu Ala
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<210> 11
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<212> PRT
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<400> 11
Gly Ala Ser Ser Arg Ala Thr
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<210> 12

<211> 10
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<220>
<223> 83A10 CDRL3

<400> 12
Gln Gln Tyr Gly Tyr Pro Pro Asp Phe Thr
1 5 10

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<220>
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Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Ser Tyr
20 25 30
Ala Met Ser Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45
Ser Ala Ile Ser Gly Ser Gly Gly Ser Thr Tyr Tyr Ala Asp Ser Val
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 Lys Val Leu Gly Trp Phe Asp Tyr Trp Gly Gln Gly Thr Leu Val
100 105 110
Thr Val Ser Ser
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<220>
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<400> 14
Ser Tyr Ala Met Ser
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<220>
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<400> 15
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Gly

<210> 16
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<212> PRT
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<220>
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<400> 16
Val Leu Gly Trp Phe Asp Tyr
1 5

<210> 17
<211> 109
<212> PRT
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<220>
<223> pSCHLI372 VL

<400> 17
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1 5 10 15
Thr Val Thr Leu Thr Cys Gly Ser Ser Thr Gly Ala Val Thr Thr Ser
20 25 30
Asn Tyr Ala Asn Trp Val Gln Glu Lys Pro Gly Gln Ala Phe Arg Gly
35 40 45
Leu Ile Gly Gly Thr Asn Lys Arg Ala Pro Gly Thr Pro Ala Arg Phe
50 55 60
Ser Gly Ser Leu Leu Gly Gly Lys Ala Ala Leu Thr Leu Ser Gly Ala
65 70 75 80
Gln Pro Glu Asp Glu Ala Glu Tyr Tyr Cys Ala Leu Trp Tyr Ser Asn
85 90 95
Leu Trp Val Phe Gly Gly Gly Thr Lys Leu Thr Val Leu
100 105

<210> 18
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<220>
<223> pSCHLI372 CDRL1

<400> 18
Gly Ser Ser Thr Gly Ala Val Thr Thr Ser Asn Tyr Ala Asn
1 5 10

<210> 19
<211> 7
<212> PRT
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<220>
<223> pSCHLI372 CDRL2

<400> 19
Gly Thr Asn Lys Arg Ala Pro
1 5

<210> 20
<211> 9
<212> PRT

<213> Homo sapiens

<220>
<223> pSCHLI372 CDRL3

<400> 20
Ala Leu Trp Tyr Ser Asn Leu Trp Val
1 5

<210> 21
<211> 119
<212> PRT
<213> Homo sapiens

<220>
<223> pSCHLI372 VH

<400> 21
Glu Val Gln Leu Val Glu Ser Gly Gly Gly Leu Val Lys Pro Gly Gly
1 5 10 15
Ser Leu Arg Leu Ser Cys Ala Ala Ser Gly Phe Thr Phe Ser Asn Ser
20 25 30
Gly Met Ile Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val
35 40 45
Gly His Ile Arg Ser Lys Thr Asp Gly Gly Thr Thr Asp Tyr Ala Ala
50 55 60
Pro Val Lys Gly Arg Phe Thr Ile Ser Arg Asp Asp Ser Lys Asn Thr
65 70 75 80
Leu Tyr Leu Gln Met Asn Ser Leu Lys Thr Glu Asp Thr Ala Val Tyr
85 90 95
Tyr Cys Thr Thr Gly Gly Ser Gly Ser Phe Asp Tyr Trp Gly Gln Gly
100 105 110
Thr Leu Val Thr Val Ser Ser
115

<210> 22
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<400> 22
Gly Phe Thr Phe Ser Asn Ser Gly Met Ile
1 5 10

<210> 23
<211> 19
<212> PRT
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<220>
<223> pSCHLI372 CDRH2

<400> 23
His Ile Arg Ser Lys Thr Asp Gly Gly Thr Thr Asp Tyr Ala Ala Pro
1 5 10 15
Val Lys Gly

<210> 24
<211> 8

<212> PRT
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<220>
<223> pSCHLI372 CDRH3

<400> 24
Gly Gly Ser Gly Ser Phe Asp Tyr
1 5