SEQUENCE LISTING

<110> ALEXION PHARMACEUTICALS, INC.

<120> THERAPEUTIC AND DIAGNOSTIC METHODS USING ANTI-CD200 ANTIBODIES

<130> ALXN-152-001

<140>
<141>

<150> 61/337,962
<151> 2010-02-11

<160> 42

<170> PatentIn version 3.5

<210> 1
<211> 269
<212> PRT
<213> Homo sapiens

<400> 1

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Met Glu Arg Leu Val Ile Arg Met Pro Phe Ser His Leu Ser Thr Tyr
1               5                  10                  15

Ser Leu Val Trp Val Met Ala Ala Val Val Leu Cys Thr Ala Gln Val
            20                  25                  30

Gln Val Val Thr Gln Asp Glu Arg Glu Gln Leu Tyr Thr Pro Ala Ser
        35                  40                  45

Leu Lys Cys Ser Leu Gln Asn Ala Gln Glu Ala Leu Ile Val Thr Trp
    50                  55                  60

Gln Lys Lys Lys Ala Val Ser Pro Glu Asn Met Val Thr Phe Ser Glu
65                  70                  75                  80

Asn His Gly Val Val Ile Gln Pro Ala Tyr Lys Asp Lys Ile Asn Ile
                85                  90                  95

Thr Gln Leu Gly Leu Gln Asn Ser Thr Ile Thr Phe Trp Asn Ile Thr
            100                 105                 110

Leu Glu Asp Glu Gly Cys Tyr Met Cys Leu Phe Asn Thr Phe Gly Phe
        115                 120                 125

Gly Lys Ile Ser Gly Thr Ala Cys Leu Thr Val Tyr Val Gln Pro Ile
    130                 135                 140

Val Ser Leu His Tyr Lys Phe Ser Glu Asp His Leu Asn Ile Thr Cys
145                 150                 155                 160

Ser Ala Thr Ala Arg Pro Ala Pro Met Val Phe Trp Lys Val Pro Arg
                165                 170                 175
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Ser Gly Ile Glu Asn Ser Thr Val Thr Leu Ser His Pro Asn Gly Thr
            180                 185                 190

Thr Ser Val Thr Ser Ile Leu His Ile Lys Asp Pro Lys Asn Gln Val
        195                 200                 205

Gly Lys Glu Val Ile Cys Gln Val Leu His Leu Gly Thr Val Thr Asp
    210                 215                 220

Phe Lys Gln Thr Val Asn Lys Gly Tyr Trp Phe Ser Val Pro Leu Leu
225                 230                 235                 240

Leu Ser Ile Val Ser Leu Val Ile Leu Leu Val Leu Ile Ser Ile Leu
                245                 250                 255

Leu Tyr Trp Lys Arg His Arg Asn Gln Asp Arg Glu Pro
            260                 265
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<210> 2
<211> 294
<212> PRT
<213> Homo sapiens

<400> 2

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Met Glu Arg Leu Thr Leu Thr Arg Thr Ile Gly Gly Pro Leu Leu Thr
1               5                   10                  15

Ala Thr Leu Leu Gly Lys Thr Thr Ile Asn Asp Tyr Gln Val Ile Arg
            20                  25                  30

Met Pro Phe Ser His Leu Ser Thr Tyr Ser Leu Val Trp Val Met Ala
        35                  40                  45

Ala Val Val Leu Cys Thr Ala Gln Val Gln Val Val Thr Gln Asp Glu
    50                  55                  60

Arg Glu Gln Leu Tyr Thr Pro Ala Ser Leu Lys Cys Ser Leu Gln Asn
65                  70                  75                  80

Ala Gln Glu Ala Leu Ile Val Thr Trp Gln Lys Lys Lys Ala Val Ser
                85                  90                  95

Pro Glu Asn Met Val Thr Phe Ser Glu Asn His Gly Val Val Ile Gln
            100                 105                 110

Pro Ala Tyr Lys Asp Lys Ile Asn Ile Thr Gln Leu Gly Leu Gln Asn
        115                 120                 125

Ser Thr Ile Thr Phe Trp Asn Ile Thr Leu Glu Asp Glu Gly Cys Tyr
    130                 135                 140

Met Cys Leu Phe Asn Thr Phe Gly Phe Gly Lys Ile Ser Gly Thr Ala
145                 150                 155                 160
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Cys Leu Thr Val Tyr Val Gln Pro Ile Val Ser Leu His Tyr Lys Phe
                165                 170                 175

Ser Glu Asp His Leu Asn Ile Thr Cys Ser Ala Thr Ala Arg Pro Ala
            180                 185                 190

Pro Met Val Phe Trp Lys Val Pro Arg Ser Gly Ile Glu Asn Ser Thr
        195                 200                 205

Val Thr Leu Ser His Pro Asn Gly Thr Thr Ser Val Thr Ser Ile Leu
    210                 215                 220

His Ile Lys Asp Pro Lys Asn Gln Val Gly Lys Glu Val Ile Cys Gln
225                 230                 235                 240

Val Leu His Leu Gly Thr Val Thr Asp Phe Lys Gln Thr Val Asn Lys
                245                 250                 255

Gly Tyr Trp Phe Ser Val Pro Leu Leu Leu Ser Ile Val Ser Leu Val
            260                 265                 270

Ile Leu Leu Val Leu Ile Ser Ile Leu Leu Tyr Trp Lys Arg His Arg
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Asn Gln Asp Arg Glu Pro
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<210> 3
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<213> Homo sapiens

<400> 3

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Val Ile Arg Met Pro Phe Ser His Leu Ser Thr Tyr Ser Leu Val Trp
1               5                   10                  15

Val Met Ala Ala Val Val Leu Cys Thr Ala Gln Val Gln Val Val Thr
            20                  25                  30

Gln Asp Glu Arg Glu Gln Leu Tyr Thr Thr Ala Ser Leu Lys Cys Ser
        35                  40                  45

Leu Gln Asn Ala Gln Glu Ala Leu Ile Val Thr Trp Gln Lys Lys Lys
    50                  55                  60

Ala Val Ser Pro Glu Asn Met Val Thr Phe Ser Glu Asn His Gly Val
65                  70                  75                  80

Val Ile Gln Pro Ala Tyr Lys Asp Lys Ile Asn Ile Thr Gln Leu Gly
                85                  90                  95
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Leu Gln Asn Ser Thr Ile Thr Phe Trp Asn Ile Thr Leu Glu Asp Glu
100 105 110

Gly Cys Tyr Met Cys Leu Phe Asn Thr Phe Gly Phe Gly Lys Ile Ser
115 120 125

Gly Thr Ala Cys Leu Thr Val Tyr Val Gln Pro Ile Val Ser Leu His
130 135 140

Tyr Lys Phe Ser Glu Asp His Leu Asn Ile Thr Cys Ser Ala Thr Ala
145 150 155 160

Arg Pro Ala Pro Met Val Phe Trp Lys Val Pro Arg Ser Gly Ile Glu
165 170 175

Asn Ser Thr Val Thr Leu Ser His Pro Asn Gly Thr Thr Ser Val Thr
180 185 190

Ser Ile Leu His Ile Lys Asp Pro Lys Asn Gln Val Gly Lys Glu Val
195 200 205

Ile Cys Gln Val Leu His Leu Gly Thr Val Thr Asp Phe Lys Gln Thr
210 215 220

Val Asn Lys Gly Tyr Trp Phe Ser Val Pro Leu Leu Leu Ser Ile Val
225 230 235 240

Ser Leu Val Ile Leu Leu Val Leu Ile Ser Ile Leu Leu Tyr Trp Lys
245 250 255

Arg His Arg Asn Gln Asp Arg Gly Glu Leu Ser Gln Gly Val Gln Lys
260 265 270

Met Thr

<210> 4
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

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Gly Phe Thr Phe Ser Gly Phe Ala Met Ser
1 5 10

<210> 5
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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 5
Ser Ile Ser Ser Gly Gly Thr Thr Tyr Tyr Leu Asp Ser Val Lys Gly
1 5 10 15

<210> 6
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 6
Gly Asn Tyr Tyr Ser Gly Thr Ser Tyr Asp Tyr
1 5 10

<210> 7
<211> 15
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 7
Arg Ala Ser Glu Ser Val Asp Ser Tyr Gly Asn Ser Phe Met His
1 5 10 15

<210> 8
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 8
Arg Ala Ser Asn Leu Glu Ser
1 5

<210> 9
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 9
Gln Gln Ser Asn Glu Asp Pro Arg Thr
1 5

<210> 10
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 10
Gly Phe Asn Ile Lys Asp Tyr Tyr Met His
1 5 10

<210> 11
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 11
Trp Ile Asp Pro Glu Asn Gly Asp Thr Lys Tyr Ala Pro Lys Phe Gln
1 5 10 15

Gly

<210> 12
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 12
Lys Asn Tyr Tyr Val Ser Asn Tyr Asn Phe Phe Asp Val
1 5 10

<210> 13
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 13
Ser Ala Ser Ser Ser Val Arg Tyr Met Tyr
1 5 10

<210> 14
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 14
Asp Thr Ser Lys Leu Ala Ser
1 5

<210> 15
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 15
Phe Gln Gly Ser Gly Tyr Pro Leu Thr
1 5

<210> 16
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 16
Gly Phe Asn Ile Lys Asp Tyr Tyr Ile His
1 5 10

<210> 17
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 17
Trp Ile Asp Pro Glu Ile Gly Ala Thr Lys Tyr Val Pro Lys Phe Gln
1 5 10 15

Gly

<210> 18
<211> 13
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 18
Leu Tyr Gly Asn Tyr Asp Arg Tyr Tyr Ala Met Asp Tyr
1 5 10

<210> 19
<211> 11
<212> PRT
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<400> 19
Lys Ala Ser Gln Asn Val Arg Thr Ala Val Ala
1 5 10

<210> 20
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<400> 20
Leu Ala Ser Asn Arg His Thr
1 5

<210> 21
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<400> 21
Leu Gln His Trp Asn Tyr Pro Leu Thr
1 5

<210> 22
<211> 10
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<400> 22
Gly Tyr Ser Phe Thr Asp Tyr Ile Ile Leu
1 5 10

<210> 23
<211> 17
<212> PRT
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<220>
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<400> 23
His Ile Asp Pro Tyr Tyr Gly Ser Ser Asn Tyr Asn Leu Lys Phe Lys
1 5 10 15

Gly

<210> 24
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 24
Ser Lys Arg Asp Tyr Phe Asp Tyr
1 5

<210> 25
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
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<400> 25
Lys Ala Ser Gln Asp Ile Asn Ser Tyr Leu Ser
1 5 10

<210> 26
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 26
Arg Ala Asn Arg Leu Val Asp
1 5

<210> 27
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 27
Leu Gln Tyr Asp Glu Phe Pro Tyr Thr
1 5

<210> 28
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 28
Gly Tyr Thr Phe Thr Glu Tyr Thr Met His
1 5 10

<210> 29
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 29
Gly Val Asn Pro Asn Asn Gly Gly Ala Leu Tyr Asn Gln Lys Phe Lys
1 5 10 15

Gly

<210> 30
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 30
Arg Ser Asn Tyr Arg Tyr Asp Asp Ala Met Asp Tyr
1 5 10

<210> 31
<211> 16
<212> PRT
<213> Artificial Sequence

<220>
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<400> 31
Lys Ser Ser Gln Ser Leu Leu Asp Ile Asp Glu Lys Thr Tyr Leu Asn
1 5 10 15

<210> 32
<211> 7
<212> PRT
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<220>
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<400> 32
Leu Val Ser Lys Leu Asp Ser
1 5

<210> 33
<211> 9
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<223> Description of Artificial Sequence: Synthetic
peptide

<400> 33
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1 5

<210> 34
<211> 10
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<400> 34
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1 5 10

<210> 35
<211> 17
<212> PRT
<213> Artificial Sequence

<220>
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peptide

<400> 35
Trp Ile Asp Pro Glu Ser Gly Asp Thr Glu Tyr Ala Pro Lys Phe Gln
1 5 10 15

Gly

<210> 36
<211> 9
<212> PRT
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<220>
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peptide

<400> 36
Phe Asn Gly Tyr Gln Ala Leu Asp Gln
1 5

<210> 37
<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
peptide

<400> 37
Thr Ala Ser Ser Ser Val Ser Ser Ser Tyr Leu His
1 5 10

<210> 38
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 38
Ser Thr Ser Asn Leu Ala Ser
1 5

<210> 39
<211> 11
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic peptide

<400> 39
Arg Gln Tyr His Arg Ser Pro Pro Ile Phe Thr
1 5 10

<210> 40
<211> 297
<212> PRT
<213> Homo sapiens

<400> 40
Met Thr Thr Pro Arg Asn Ser Val Asn Gly Thr Phe Pro Ala Glu Pro
1 5 10 15

Met Lys Gly Pro Ile Ala Met Gln Ser Gly Pro Lys Pro Leu Phe Arg
20 25 30

Arg Met Ser Ser Leu Val Gly Pro Thr Gln Ser Phe Phe Met Arg Glu
35 40 45

Ser Lys Thr Leu Gly Ala Val Gln Ile Met Asn Gly Leu Phe His Ile
50 55 60

Ala Leu Gly Gly Leu Leu Met Ile Pro Ala Gly Ile Tyr Ala Pro Ile
65 70 75 80

Cys Val Thr Val Trp Tyr Pro Leu Trp Gly Gly Ile Met Tyr Ile Ile
85 90 95

Ser Gly Ser Leu Leu Ala Ala Thr Glu Lys Asn Ser Arg Lys Cys Leu
100 105 110

Val Lys Gly Lys Met Ile Met Asn Ser Leu Ser Leu Phe Ala Ala Ile
115 120 125

Ser Gly Met Ile Leu Ser Ile Met Asp Ile Leu Asn Ile Lys Ile Ser
130 135 140

```
His Phe Leu Lys Met Glu Ser Leu Asn Phe Ile Arg Ala His Thr Pro
145                 150                 155                 160

Tyr Ile Asn Ile Tyr Asn Cys Glu Pro Ala Asn Pro Ser Glu Lys Asn
                165                 170                 175

Ser Pro Ser Thr Gln Tyr Cys Tyr Ser Ile Gln Ser Leu Phe Leu Gly
            180                 185                 190

Ile Leu Ser Val Met Leu Ile Phe Ala Phe Phe Gln Glu Leu Val Ile
        195                 200                 205

Ala Gly Ile Val Glu Asn Glu Trp Lys Arg Thr Cys Ser Arg Pro Lys
    210                 215                 220

Ser Asn Ile Val Leu Leu Ser Ala Glu Glu Lys Lys Glu Gln Thr Ile
225                 230                 235                 240

Glu Ile Lys Glu Glu Val Val Gly Leu Thr Glu Thr Ser Ser Gln Pro
                245                 250                 255

Lys Asn Glu Glu Asp Ile Glu Ile Ile Pro Ile Gln Glu Glu Glu Glu
            260                 265                 270

Glu Glu Thr Glu Thr Asn Phe Pro Glu Pro Pro Gln Asp Gln Glu Ser
        275                 280                 285

Ser Pro Ile Glu Asn Asp Ser Ser Pro
    290                 295


<210> 41
<211> 9
<212> PRT
<213> Homo sapiens

<400> 41
Ile Pro Ala Gly Ile Tyr Ala Pro Ile
1               5


<210> 42
<211> 47
<212> PRT
<213> Homo sapiens

<400> 42
Asn Ile Lys Ile Ser His Phe Leu Lys Met Glu Ser Leu Asn Phe Ile
1               5                   10                  15

Arg Ala His Thr Pro Tyr Ile Asn Ile Tyr Asn Cys Glu Pro Ala Asn
            20                  25                  30

Pro Ser Glu Lys Asn Ser Pro Ser Thr Gln Tyr Cys Tyr Ser Ile
        35                  40                  45
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