

SEQUENCE LISTING

<110> AKESO BIOPHARMA, INC.
 <120> ANTI-TIGIT ANTIBODY, AND PHARMACEUTICAL COMPOSITION AND USE THEREOF
 <130> IEC200357PCT
 <150> CN202011153458.2
 <151> 2020-10-26
 <160> 26
 <170> PatentIn version 3.5
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Glu Val Gln Leu Gln Glu Ser Gly Pro Gly Leu Val Lys Pro Ser Gln
 1 5 10 15

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

Tyr Ala Trp Asn Trp Ile Arg Gln Phe Pro Gly Asn Arg Leu Glu Trp
 35 40 45

Met Gly Tyr Ile Ser Tyr Ser Asp Ser Thr Asn Tyr Asn Pro Ser Leu
 50 55 60

Lys Ser Arg Ile Ser Ile Thr Arg Asp Thr Ser Lys Asn Gln Phe Phe
 65 70 75 80

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

Ala Arg Leu Asp Tyr Gly Asn Tyr Gly Gly Ala Met Asp Tyr Trp Gly
100 105 110

Gln Gly Thr Ser Val Thr Val Ser Ser
115 120

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tttccaggaa acagactgga gtggatgggc tacataagct acagtgatag cactaactac 180
aaccatctc tcaaaagtcg aatctctatc actcgagaca catccaagaa ccagttcttc 240
ttgcagatga attctgtgac tactgaggac acagccacat attactgtgc aagattggac 300
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<210> 3
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Gly His Ser Phe Thr Ser Asp Tyr Ala
1 5

<210> 4
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<220>
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<400> 4

Ile Ser Tyr Ser Asp Ser Thr
1 5

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<400> 5

Ala Arg Leu Asp Tyr Gly Asn Tyr Gly Gly Ala Met Asp Tyr
1 5 10

<210> 6
<211> 107
<212> PRT
<213> Artificial Sequence

<220>
<223> 26B12VL

<400> 6

Asp Ile Val Leu Thr Gln Ser His Glu Phe Met Ser Thr Ser Leu Arg
1 5 10 15

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

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

Tyr Ser Ala Ser Tyr Arg Tyr Thr Gly Val Pro Asp Arg Phe Thr Gly

50

55

60

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

Glu Asp Leu Ala Val Tyr Tyr Cys Gln Gln His Tyr Ile Thr Pro Trp
 85 90 95

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

<210> 7
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 atcacctgca aatccagtca acatgtgagt actgctgtag cctggatatca acagaaacca 120
 ggacaatctc ctaaactact gatttactcg gcatcctacc ggtacactgg agtcctgat 180
 cgcttcactg gcagtggatc tgggacggat ttcactttca ccatcagcag tgtgaaggct 240
 gaagacctgg cagtttatta ctgtcagcaa cattatatta ctccgtggac gttcggtgga 300
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<210> 8
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<220>
 <223> LCDR1

<400> 8

Gln His Val Ser Thr Ala
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<210> 9
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<220>
<223> LCDR2

<400> 9

Ser Ala Ser
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<210> 10
<211> 9
<212> PRT
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<220>
<223> LCDR3

<400> 10

Gln Gln His Tyr Ile Thr Pro Trp Thr
1 5

<210> 11
<211> 121
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<220>
<223> 26B12H1

<400> 11

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

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

Tyr Ala Trp Asn Trp Ile Arg Gln Phe Pro Gly Lys Gly Leu Glu Trp

35

40

45

Ile Gly Tyr Ile Ser Tyr Ser Asp Ser Thr Asn Tyr Asn Pro Ser Leu
 50 55 60

Lys Ser Arg Ile Thr Ile Ser Arg Asp Thr Ser Lys Asn Gln Phe Phe
 65 70 75 80

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

Ala Arg Leu Asp Tyr Gly Asn Tyr Gly Gly Ala Met Asp Tyr Trp Gly
 100 105 110

Gln Gly Thr Ser Val Thr Val Ser Ser
 115 120

<210> 12
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 tttccaggca agggcctgga gtggatcggc tacatctctt atagcgactc caccaactat 180
 aatccctctc tgaagagccg gatcaccatc agcagagata catccaagaa ccagttcttt 240
 ctgcagctga acagcgtgac agccgccgac accgccacat actattgcgc ccggctggac 300
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<210> 13
 <211> 121

<212> PRT
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<223> 26B12H2

<400> 13

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

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

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

Ile Gly Tyr Ile Ser Tyr Ser Asp Ser Thr Asn Tyr Asn Pro Ser Leu
50 55 60

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

Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys
85 90 95

Ala Arg Leu Asp Tyr Gly Asn Tyr Gly Gly Ala Met Asp Tyr Trp Gly
100 105 110

Gln Gly Thr Ser Val Thr Val Ser Ser
115 120

<210> 14
<211> 363
<212> DNA
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<220>
<223> 26B12H2

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 acctgtacag tgtccggcca ctcttttaca agcgactacg cctgggtcttg gatcaggcag 120
 ccccttgga agggactgga gtggatcggc tacatctcct attctgacag caccaactat 180
 aatccctccc tgaagtctcg ggtgaccatc tctagagata caagcaagaa ccagttctcc 240
 ctgaagctga gctccgtgac cgcagcagac acagccgtgt actattgcgc ccggctggac 300
 tacggcaatt atggcggagc catggattac tggggccagg gcaccagcgt gacagtgtct 360
 agc 363

<210> 15
 <211> 121
 <212> PRT
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<400> 15

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

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

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

Ile Gly Tyr Ile Ser Tyr Ser Asp Ser Thr Asn Tyr Asn Pro Ser Leu
 50 55 60

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

Leu Lys Leu Ser Ser Val Thr Ala Ala Asp Thr Ala Val Tyr Tyr Cys
 85 90 95

Ala Arg Leu Asp Tyr Gly Asn Tyr Gly Gly Ala Met Asp Tyr Trp Gly
100 105 110

Gln Gly Thr Ser Val Thr Val Ser Ser
115 120

<210> 16
<211> 363
<212> DNA
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<223> 26B12H3

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ccccctggca agggactgga gtggatcggc tacatctcct attctgacag caccaactat 180
aatccctccc tgaagtctag agtgaccatc tctgtggata caagcaagaa ccagttctcc 240
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tacggcaatt atggcggagc catggattac tggggccagg gcaccagcgt gacagtgtct 360
agc 363

<210> 17
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<223> 26B12H4

<400> 17

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

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

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

Met Gly Tyr Ile Ser Tyr Ser Asp Ser Thr Asn Tyr Asn Pro Ser Leu
50 55 60

Lys Ser Arg Ile Thr Ile Ser Arg Asp Thr Ser Lys Asn Gln Phe Phe
65 70 75 80

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

Ala Arg Leu Asp Tyr Gly Asn Tyr Gly Gly Ala Met Asp Tyr Trp Gly
100 105 110

Gln Gly Thr Ser Val Thr Val Ser Ser
115 120

<210> 18
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<212> DNA
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tttccaggca agggcctgga gtggatgggc tacatctctt atagcgactc caccaactat 180
aatccctctc tgaagagccg gatcaccatc agcagagata catccaagaa ccagttcttt 240
ctgcagctga acagcgtgac agccgccgac accgccacat actattgcgc ccggctggac 300
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tcc 363

<210> 19
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<220>
 <223> 26B12L1

<400> 19

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

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

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

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

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

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln His Tyr Ile Thr Pro Trp
 85 90 95

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

<210> 20
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 <212> DNA
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<220>
 <223> 26B12L1

<400> 20

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atcacatgta gaagctccca gcacgtgtct accgcagtgg catggtacca gcagaagcca 120
ggcaagagcc ctaagctgct gatctattcc gcctcttaca ggtattccgg agtgccagac 180
cggtttagcg gctccggctc tggcaccgat ttcaccttta caatctctag cgtgcagcca 240
gaggacttcg ccacatacta ttgccagcag cactacatca ccccatggac cttcggcggc 300
ggcacaaagc tggagatcaa g 321

<210> 21
<211> 107
<212> PRT
<213> Artificial Sequence

<220>
<223> 26B12L2

<400> 21

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 Ser Ser Gln His Val Ser Thr Ala
20 25 30

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

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

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

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln His Tyr Ile Thr Pro Trp
85 90 95

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

<210> 22
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<213> Artificial Sequence

<220>
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ggcaagagcc ctaagctgct gatctactcc gcctcctcta ggtattctgg agtgccagac 180
cggttttccg gctctggcag cggcaccgat ttcaccttta caatcagctc cctgcagcca 240
gaggacttcg ccacatacta ttgccagcag cactatatca ccccatggac cttcggcggc 300
ggcaccaagc tggagatcaa g 321

<210> 23
<211> 107
<212> PRT
<213> Artificial Sequence

<220>
<223> 26B12L3

<400> 23

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 Gln His Val Ser Thr Ala
20 25 30

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

Tyr Ser Ala Ser Ser Leu Gln 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 His Tyr Ile Thr Pro Trp						
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Thr Phe Gly Gly Gly Thr Lys Leu Glu Ile Lys
100 105

<210> 24
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 <212> DNA
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<220>
 <223> 26B12L3

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atcacatgta gagcctctca gcacgtgagc acagccctgg catggtacca gcagaagcca	120
ggcaaggccc ctaagctgct gatctatagc gcctctagcc tgcagtccgg agtgccatct	180
cggttctctg gcagcggctc cggaaccgac tttaccctga caatctcctc tctgcagcca	240
gaggatttcg ccacatacta ttgccagcag cactacatca ccccatggac cttcggcggc	300
ggcaccaagc tggagatcaa g	321

<210> 25
 <211> 107
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> 26B12L4

<400> 25

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

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

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

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

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

Glu Asp Phe Ala Thr Tyr Tyr Cys Gln Gln His Tyr Ile Thr Pro Trp
 85 90 95

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

<210> 26
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<220>
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 ggcaagagcc ctaagctgct gatctattcc gcctcttaca ggtattccgg agtgccagac 180
 cggtttagcg gctccggctc tggcaccgat ttcaccttta caatctctag cgtgcagcca 240
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