

02 Sequence Listing_OP-19231-PCT_6417913_1
SEQUENCE LISTING

<110> Japanese Foundation For Cancer Research
API Co., Ltd.

<120> Anti-podoplanin antibody

<130> C4701-19231

<150> JP 2019-048861

<151> 2019-03-15

<160> 52

<170> PatentIn version 3.5

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<212> PRT

<213> Mus musculus

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<210> 2

<211> 17

<212> PRT

<213> Mus musculus

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Tyr Ile Ser Ser Val Ser Ser Arg Ile Tyr Tyr Ala Asp Thr Val Lys
1 5 10 15

Gly

<210> 3

<211> 10

<212> PRT

<213> Mus musculus

<400> 3

Glu Ser Tyr Gly Pro Ala Trp Phe Ala Tyr
1 5 10

<210> 4

<211> 16

<212> PRT

<213> Mus musculus

<400> 4

Arg Ser Ser Gln His Ile Val His Ile Asp Gly Asn Thr Tyr Leu Glu
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<210> 5

<211> 7

<212> PRT

<213> Mus musculus

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<400> 5

Lys Val Ser Asn Arg Phe Ser
1 5

<210> 6

<211> 9

<212> PRT

<213> Mus musculus

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Phe Gln Gly Ser His Val Pro Tyr Thr
1 5

<210> 7

<211> 25

<212> PRT

<213> Homo sapiens

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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
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<211> 14

<212> PRT

<213> Homo sapiens

<400> 8

Trp Val Arg Gln Ala Pro Gly Lys Gly Leu Glu Trp Val Ala
1 5 10

<210> 9

<211> 32

<212> PRT

<213> Homo sapiens

<400> 9

Arg Phe Thr Ile Ser Arg Asp Asn Ala Lys Asn Ser Leu Tyr Leu Gln
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Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
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<211> 11

<212> PRT

<213> Homo sapiens

<400> 10

Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ser
1 5 10

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<210> 11
 <211> 23
 <212> PRT
 <213> Homo sapiens

<400> 11

Asp Ile Val Met Thr Gln Ser Pro Leu Ser Leu Pro Val Thr Pro Gly
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Glu Pro Ala Ser Ile Ser Cys
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<210> 12
 <211> 15
 <212> PRT
 <213> Homo sapiens

<400> 12

Trp Tyr Leu Gln Lys Pro Gly Gln Ser Pro Gln Leu Leu Ile Tyr
 1 5 10 15

<210> 13
 <211> 32
 <212> PRT
 <213> Homo sapiens

<400> 13

Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr
 1 5 10 15

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

<210> 14
 <211> 10
 <212> PRT
 <213> Homo sapiens

<400> 14

Phe Gly Gly Gly Thr Lys Val Glu Ile Lys
 1 5 10

<210> 15
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<400> 15

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

<210> 16
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<213> Homo sapiens

<400> 16

Arg Phe Thr Ile Ser Arg Asp Asn Ser Lys Asn Thr Leu Tyr Leu Gln
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Met Asn Ser Leu Arg Ala Glu Asp Thr Ala Val Tyr Tyr Cys Ala Arg
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<210> 17

<211> 25

<212> PRT

<213> Mus musculus

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

Ser Arg Lys Leu Ser Cys Ala Ala Ser
20 25

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<211> 14

<212> PRT

<213> Mus musculus

<400> 18

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<211> 32

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<213> Mus musculus

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Arg Phe Thr Ile Ser Arg Asp Asn Pro Lys Asn Thr Leu Phe Leu Gln
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Met Thr Ser Leu Arg Ser Glu Asp Thr Ala Met Tyr Tyr Cys Ala Arg
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<212> PRT

<213> Mus musculus

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Trp Gly Gln Gly Thr Leu Val Thr Val Ser Ala
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<211> 23

<212> PRT

<213> Mus musculus

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Asp Val Leu Met Thr Gln Thr Pro Leu Ser Leu Pro Val Ser Leu Gly
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Asp Gln Ala Ser Ile Ser Cys
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<210> 22

<211> 15

<212> PRT

<213> Mus musculus

<400> 22

Trp Tyr Leu Gln Gln Pro Gly Gln Ser Pro Lys Leu Leu Ile Tyr
1 5 10 15

<210> 23

<211> 32

<212> PRT

<213> Mus musculus

<400> 23

Gly Val Pro Asp Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Phe Thr
1 5 10 15

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

<210> 24

<211> 10

<212> PRT

<213> Mus musculus

<400> 24

Phe Gly Gly Gly Thr Lys Leu Glu Met Lys
1 5 10

<210> 25

<211> 327

<212> PRT

<213> Homo sapiens

<400> 25

Ala Ser Thr Lys Gly Pro Ser Val Phe Pro Leu Ala Pro Cys Ser Arg
1 5 10 15

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

Phe Pro Glu Pro Val Thr Val Ser Trp Asn Ser Gly Ala Leu Thr Ser
35 40 45

Gly Val His Thr Phe Pro Ala Val Leu Gln Ser Ser Gly Leu Tyr Ser

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50

55

60

Leu Ser Ser Val Val Thr Val Pro Ser Ser Ser Leu Gly Thr Lys Thr
65 70 75 80

Tyr Thr Cys Asn Val Asp His Lys Pro Ser Asn Thr Lys Val Asp Lys
85 90 95

Arg Val Glu Ser Lys Tyr Gly Pro Pro Cys Pro Pro Cys Pro Ala Pro
100 105 110

Glu Phe Leu Gly Gly Pro Ser Val Phe Leu Phe Pro Pro Lys Pro Lys
115 120 125

Asp Thr Leu Met Ile Ser Arg Thr Pro Glu Val Thr Cys Val Val Val
130 135 140

Asp Val Ser Gln Glu Asp Pro Glu Val Gln Phe Asn Trp Tyr Val Asp
145 150 155 160

Gly Val Glu Val His Asn Ala Lys Thr Lys Pro Arg Glu Glu Gln Phe
165 170 175

Asn Ser Thr Tyr Arg Val Val Ser Val Leu Thr Val Leu His Gln Asp
180 185 190

Trp Leu Asn Gly Lys Glu Tyr Lys Cys Lys Val Ser Asn Lys Gly Leu
195 200 205

Pro Ser Ser Ile Glu Lys Thr Ile Ser Lys Ala Lys Gly Gln Pro Arg
210 215 220

Glu Pro Gln Val Tyr Thr Leu Pro Pro Ser Gln Glu Glu Met Thr Lys
225 230 235 240

Asn Gln Val Ser Leu Thr Cys Leu Val Lys Gly Phe Tyr Pro Ser Asp
245 250 255

Ile Ala Val Glu Trp Glu Ser Asn Gly Gln Pro Glu Asn Asn Tyr Lys
260 265 270

Thr Thr Pro Pro Val Leu Asp Ser Asp Gly Ser Phe Phe Leu Tyr Ser
275 280 285

Arg Leu Thr Val Asp Lys Ser Arg Trp Gln Glu Gly Asn Val Phe Ser
290 295 300

Cys Ser Val Met His Glu Ala Leu His Asn His Tyr Thr Gln Lys Ser
305 310 315 320

Leu Ser Leu Ser Leu Gly Lys

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325

<210> 26
<211> 107
<212> PRT
<213> Homo sapiens

<400> 26

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

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

Ser Gly Asn Ser Gln Glu Ser Val Thr Glu Gln Asp Ser Lys Asp Ser
50 55 60

Thr Tyr Ser Leu Ser Ser Thr Leu Thr Leu Ser Lys Ala Asp Tyr Glu
65 70 75 80

Lys His Lys Val Tyr Ala Cys Glu Val Thr His Gln Gly Leu Ser Ser
85 90 95

Pro Val Thr Lys Ser Phe Asn Arg Gly Glu Cys
100 105

<210> 27
<211> 30
<212> DNA
<213> Mus musculus

<400> 27

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<211> 51
<212> DNA
<213> Mus musculus

<400> 28

tacattagta gtgtcagtag tagaatctac tatgcagaca cagtgaaggg t 51

<210> 29
<211> 30
<212> DNA
<213> Mus musculus

<400> 29

gaatcctacg gccccgcctg gtttgcttac 30

<210> 30
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<212> DNA

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<213>	Mus musculus	
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<210>	31	
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<212>	DNA	
<213>	Homo sapiens	
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	tcctgtgcag cctct	75
<210>	34	
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<210>	35	
<211>	96	
<212>	DNA	
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	agagccgagg acacggctgt gtattactgt gcgaga	96
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<210>	37	
<211>	69	
<212>	DNA	
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<400> 37	
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atctcctgc	69
<210> 38	
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<212> DNA	
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<210> 39	
<211> 96	
<212> DNA	
<213> Homo sapiens	
<400> 39	
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agggtggagg ctgaggatgt tggagtttat tactgc	96
<210> 40	
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<212> DNA	
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<210> 42	
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<212> DNA	
<213> Homo sapiens	
<400> 42	
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agagccgagg acacggctgt gtattactgt gcgaga	96
<210> 43	
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<213> Homo sapiens	
<400> 43	
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agcacagccg ccctgggctg cctgggtcaag gactacttcc ccgaaccggt gacggtgtcg	120
tggaactcag gcgccctgac cagcggcgtg cacaccttcc cggctgtcct acagtcctcc	180

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ggactctact ccctcagcag cgtgggtgacc gtgccctcca gcagcttggg cacgaagacc	240
tacacctgca acgtagatca caagcccagc aacaccaagg tggacaagag agttgagtcc	300
aaatatggtc ccccatgccc accatgccc gcacctgagt tcctgggggg accatcagtc	360
ttcctgttcc ccccaaaacc caaggacact ctcatgatct cccggacccc tgaggtcacg	420
tgcgtggtgg tggacgtgag ccaggaagac cccgaggtcc agttcaactg gtacgtggat	480
ggcgtggagg tgcataatgc caagacaaag ccgcgggagg agcagttcaa cagcacgtac	540
cgtgtggtca gcgtcctcac cgtcctgcac caggactggc tgaacggcaa ggagtacaag	600
tgcaaggctc ccaacaaagg cctcccgtcc tccatcgaga aaaccatctc caaagccaaa	660
gggcagcccc gagagccaca ggtgtacacc ctgcccccat cccaggagga gatgaccaag	720
aaccagggtc gcctgacctg cctggtcaaa ggcttctacc ccagcgacat cgccgtggag	780
tgggagagca atgggcagcc ggagaacaac tacaagacca cgcctcccgt gctggactcc	840
gacggctcct tcttctcta cagcaggcta accgtggaca agagcaggtg gcaggagggg	900
aatgtcttct catgctccgt gatgcatgag gctctgcaca accactacac acagaagagc	960
ctctccctgt ctctgggtaa a	981

<210> 44
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 <213> Homo sapiens

<400> 44	
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tgggaagggtg ataacgccct ccaatcgggt aactcccagg agagtgtcac agagcaggac	180
agcaaggaca gcacctacag cctcagcagc accctgacgc tgagcaaagc agactacgag	240
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<210> 45
 <211> 75
 <212> DNA
 <213> Mus musculus

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tcctgtgcag cctct	75

<210> 46
 <211> 42
 <212> DNA
 <213> Mus musculus

<400> 46	
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02 Sequence Listing_OP-19231-PCT_6417913_1

<210> 47
 <211> 96
 <212> DNA
 <213> Mus musculus

 <400> 47
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 <210> 48
 <211> 33
 <212> DNA
 <213> Mus musculus

 <400> 48
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 <210> 49
 <211> 69
 <212> DNA
 <213> Mus musculus

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 atctcttgc 69

 <210> 50
 <211> 45
 <212> DNA
 <213> Mus musculus

 <400> 50
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 <210> 51
 <211> 96
 <212> DNA
 <213> Mus musculus

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 agagtggagg ctgaggatct gggagtttat tactgc 96

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 <211> 30
 <212> DNA
 <213> Mus musculus

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