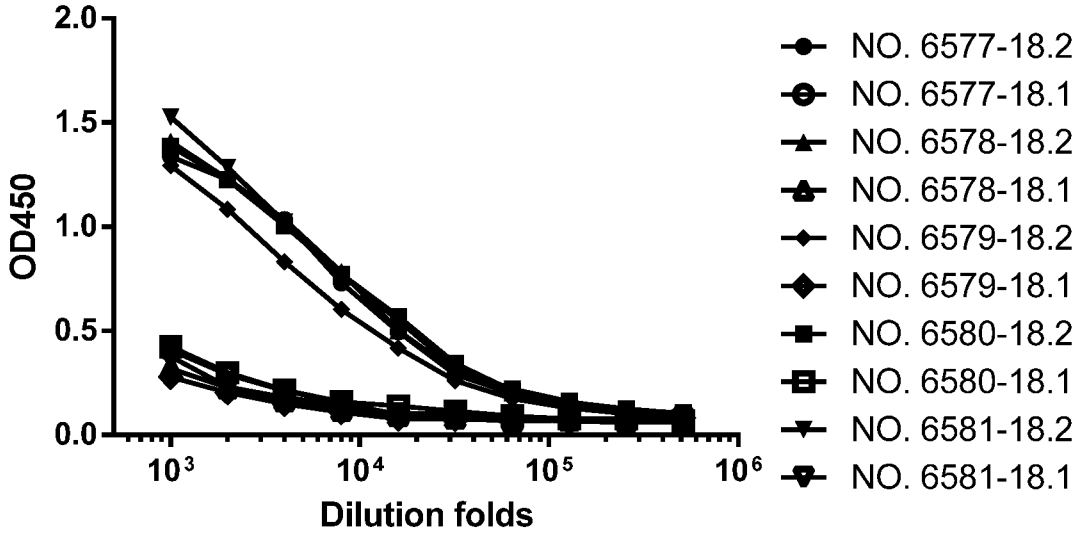

2.0
1.5
1.0
0.5
0.0
OD450
10³
10⁴
10⁵
10⁶
Dilution folds
NO. 6577-18.2
NO. 6577-18.1
NO. 6578-18.2
NO. 6578-18.1
NO. 6579-18.2
NO. 6579-18.1
NO. 6580-18.2
NO. 6580-18.1
NO. 6581-18.2
NO. 6581-18.1

FIG. 1

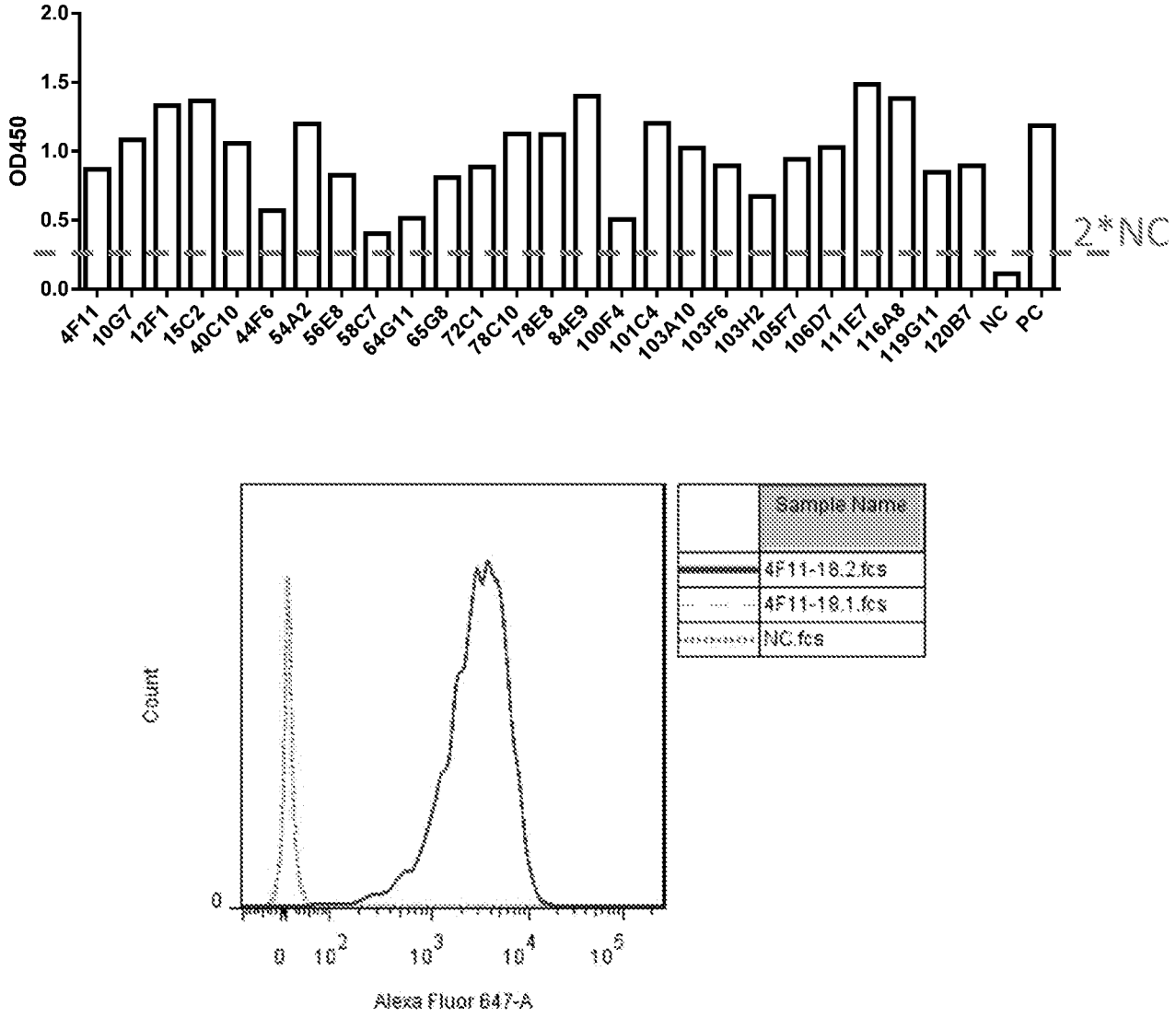

OD450
2.0
1.5
1.0
0.5
0.0
2*NC
4F11
10G7
12F1
15C2
40C10
44F6
54A2
56E8
58C7
64G11
65G8
72C1
78C10
78E8
84E9
100F4
101C4
103A10
103F6
103H2
105F7
106D7
111E7
116A8
119G11
120B7
NC
PC
Sample Name
4F11-18.2.fcs
4F11-18.1.fcs
NC.fcs
Count
0
0
10^2
10^3
10^4
10^5
Alexa Fluor 647-A

FIG. 2

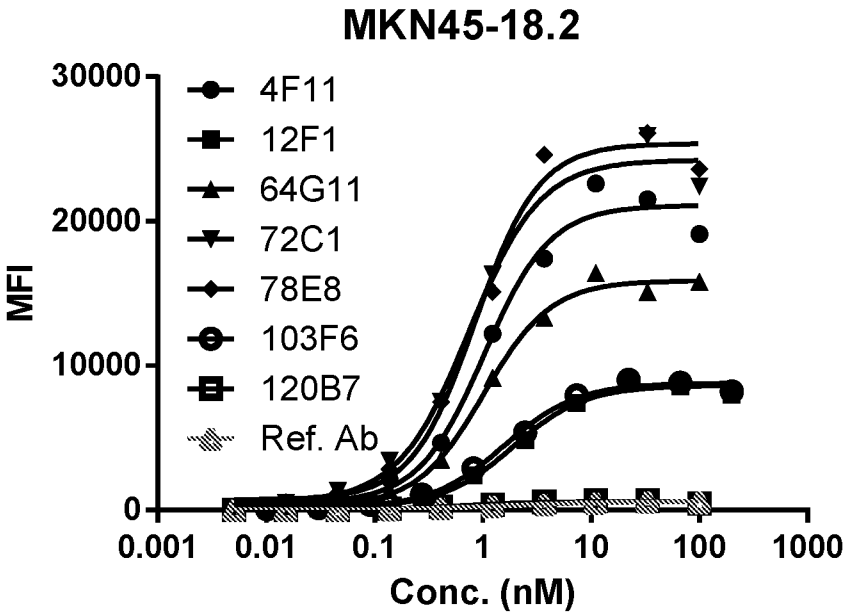

MKN45-18.2
30000
20000
10000
0
MFI
4F11
12F1
64G11
72C1
78E8
103F6
120B7
Ref. Ab
0.001
0.01
0.1
1
10
100
1000
Conc. (nM)

FIG. 3

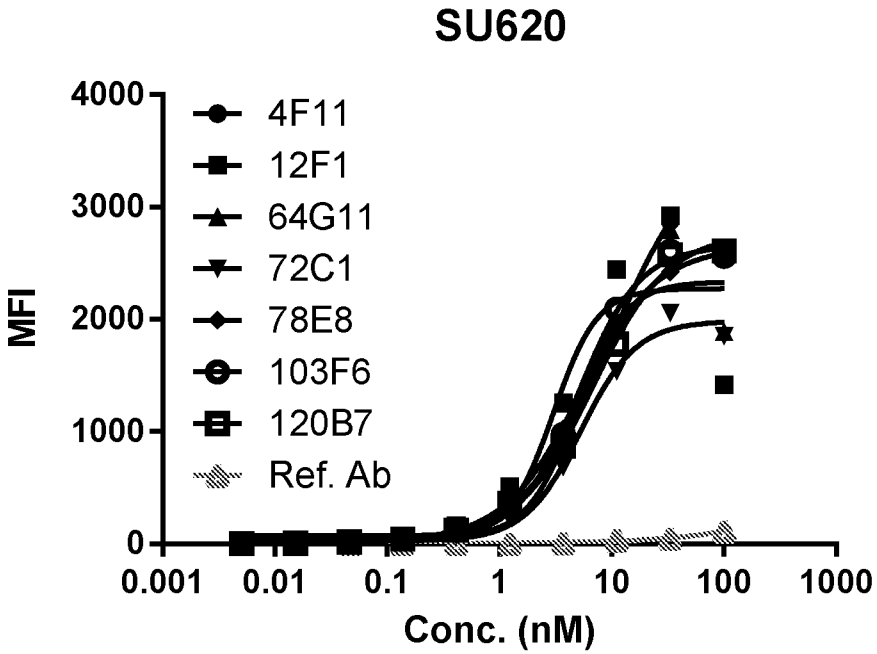

SU620
4000
3000
2000
1000
0
MFI
4F11
12F1
64G11
72C1
78E8
103F6
120B7
Ref. Ab
0.001
0.01
0.1
1
10
100
1000
Conc. (nM)

FIG. 4

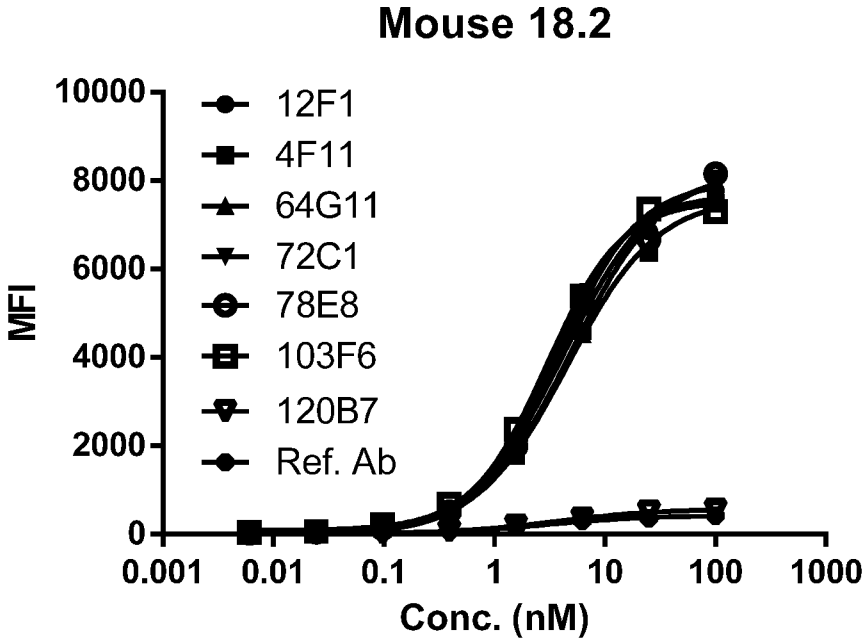

Mouse 18.2
MFI
10000
8000
6000
4000
2000
0
12F1
4F11
64G11
72C1
78E8
103F6
120B7
Ref. Ab
0.001
0.01
0.1
1
10
100
1000
Conc. (nM)

FIG. 5

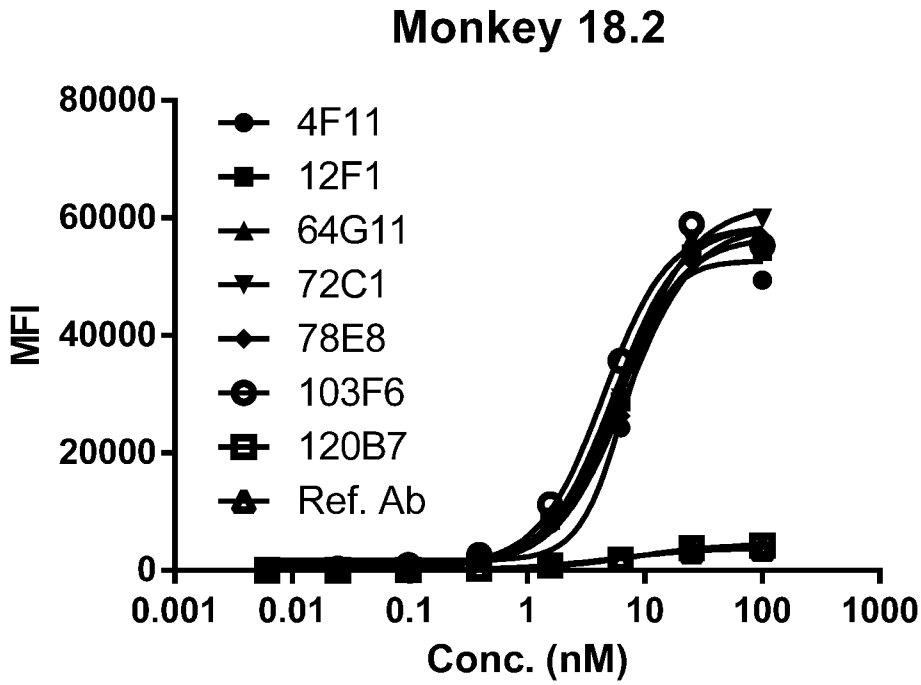

Monkey 18.2
MFI
80000
60000
40000
20000
0
4F11
12F1
64G11
72C1
78E8
103F6
120B7
Ref. Ab
0.001
0.01
0.1
1
10
100
1000
Conc. (nM)

FIG. 6

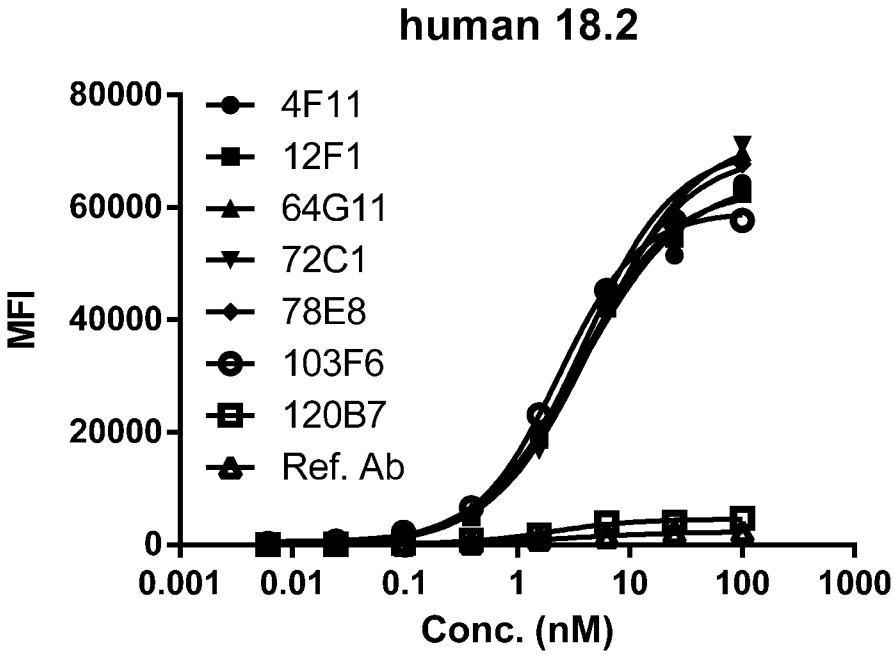

human 18.2
80000
60000
40000
20000
0
MFI
4F11
12F1
64G11
72C1
78E8
103F6
120B7
Ref. Ab
0.001
0.01
0.1
1
10
100
1000
Conc. (nM)

FIG. 7

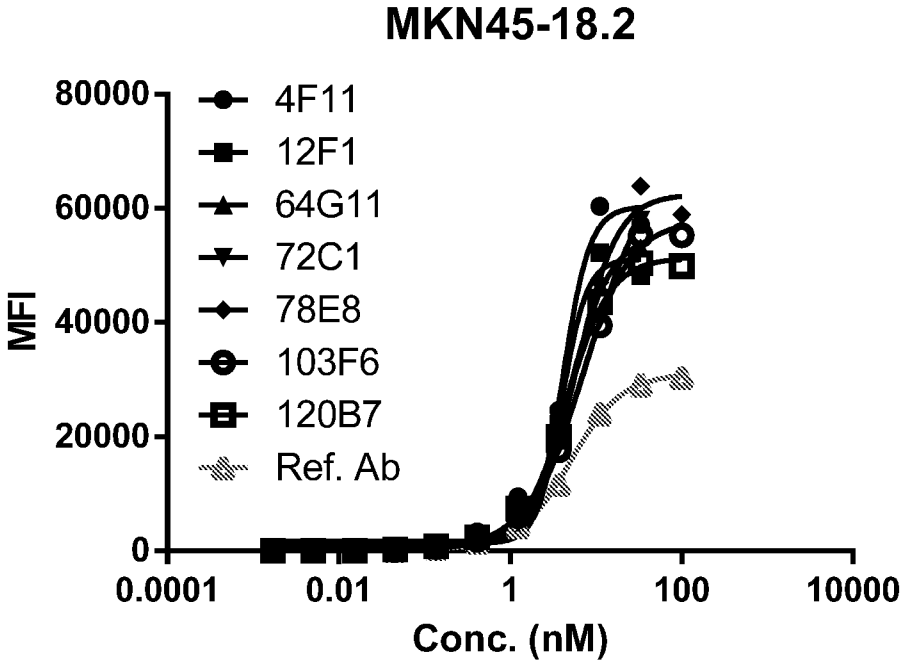

MKN45-18.2
80000
60000
40000
20000
0
MFI
4F11
12F1
64G11
72C1
78E8
103F6
120B7
Ref. Ab
0.0001
0.01
1
100
10000
Conc. (nM)

FIG. 8

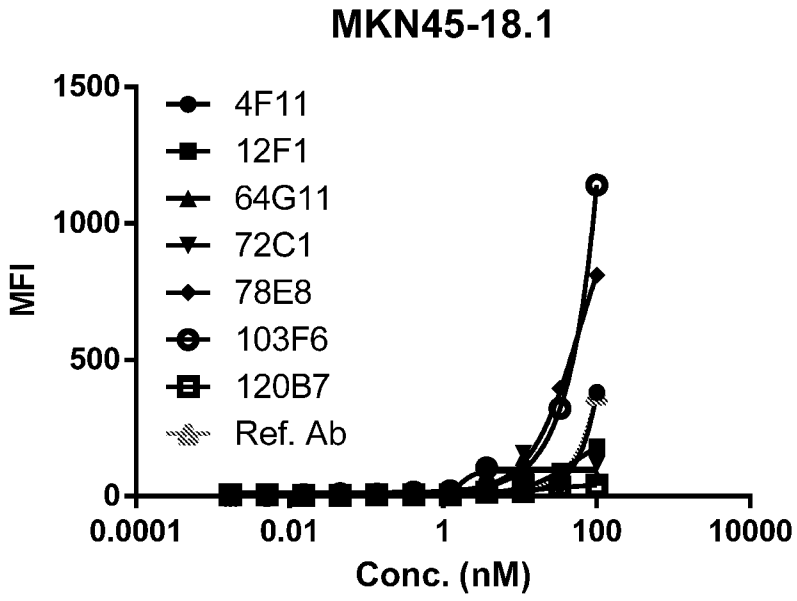

MKN45-18.1
1500
1000
500
0
MFI
4F11
12F1
64G11
72C1
78E8
103F6
120B7
Ref. Ab
0.0001
0.01
1
100
10000
Conc. (nM)

FIG. 9

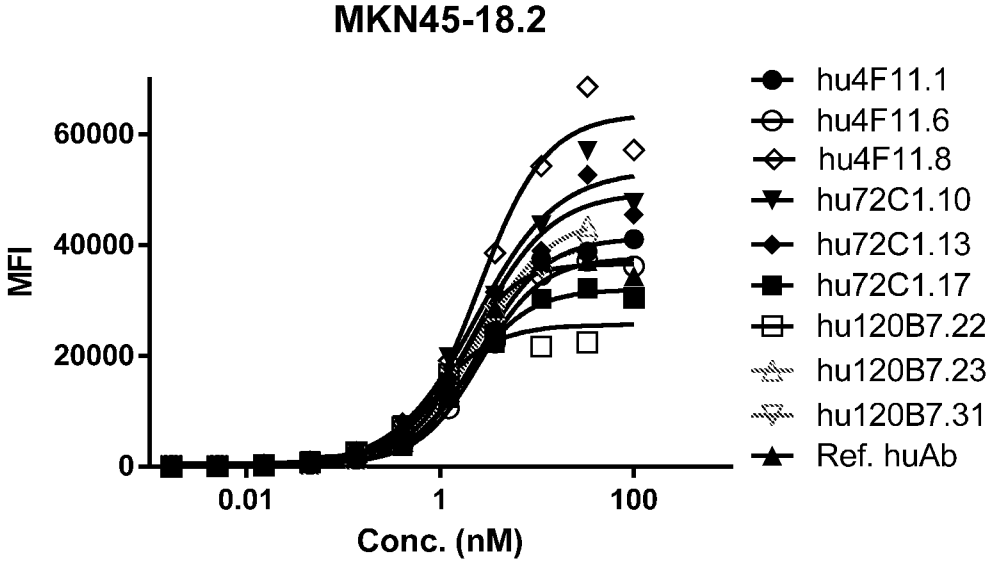

MKN45-18.2
60000
40000
20000
0
MFI
0.01
1
100
Conc. (nM)
hu4F11.1
hu4F11.6
hu4F11.8
hu72C1.10
hu72C1.13
hu72C1.17
hu120B7.22
hu120B7.23
hu120B7.31
Ref. huAb

FIG. 10

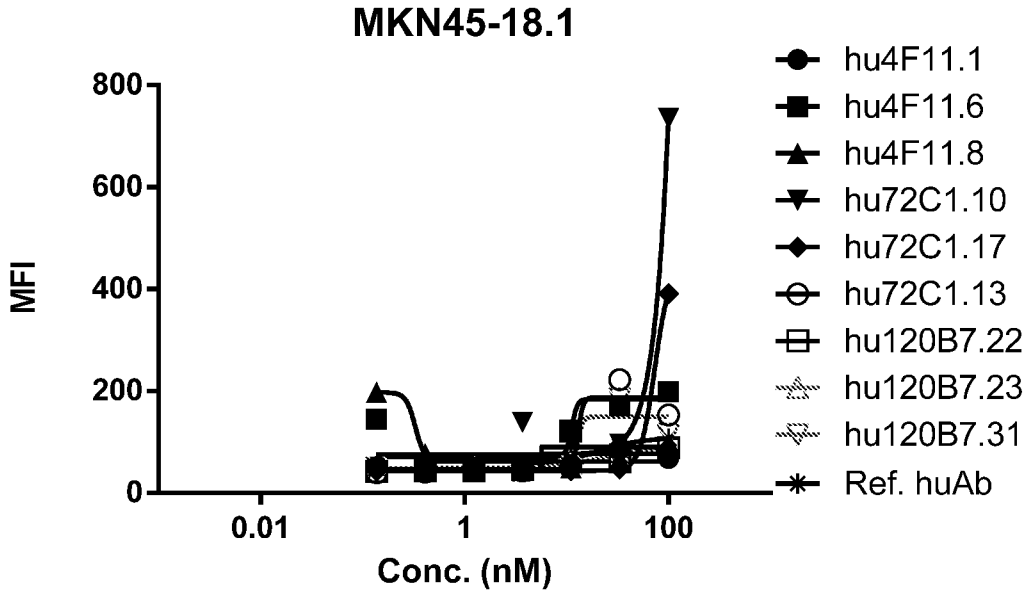

MKN45-18.1
MFI
800
600
400
200
0
0.01
1
100
Conc. (nM)
hu4F11.1
hu4F11.6
hu4F11.8
hu72C1.10
hu72C1.17
hu72C1.13
hu120B7.22
hu120B7.23
hu120B7.31
Ref. huAb

FIG. 11

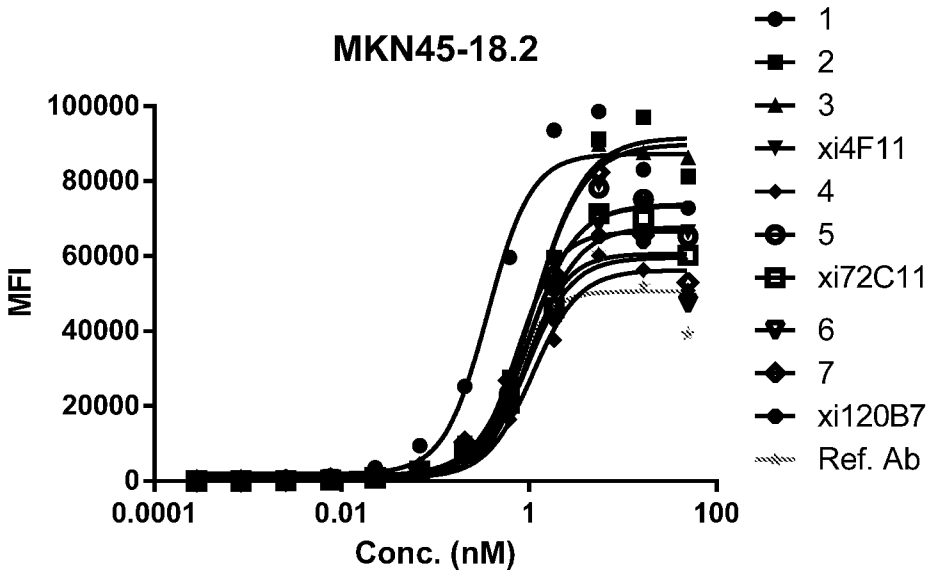

MKN45-18.2
MFI
100000
80000
60000
40000
20000
0
0.0001
0.01
1
100
Conc. (nM)
1
2
3
xi4F11
4
5
xi72C11
6
7
xi120B7
Ref. Ab

FIG. 12

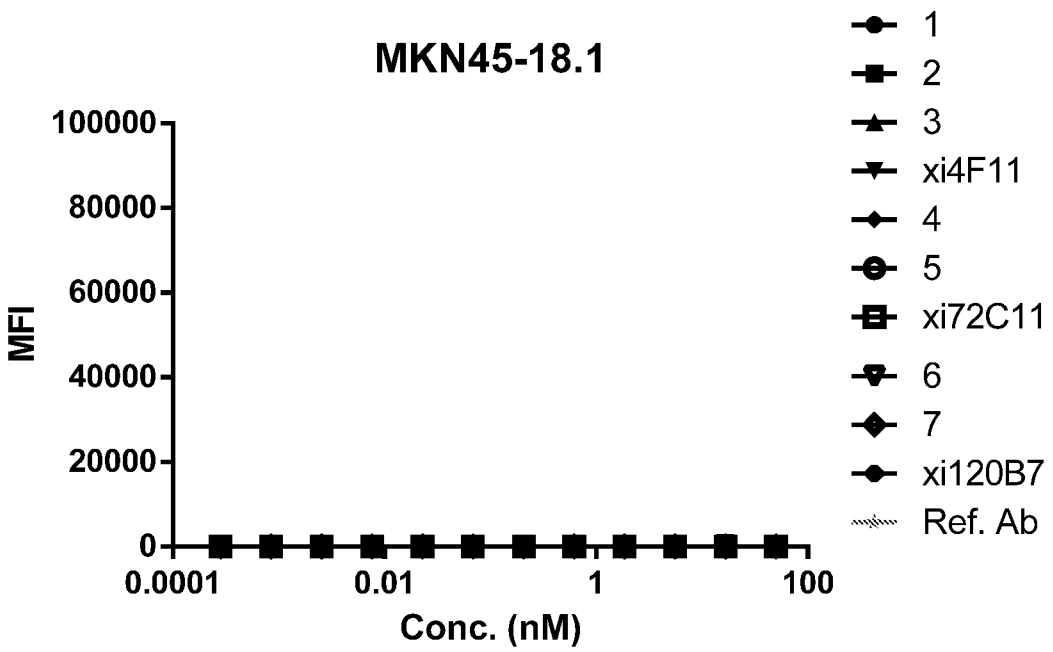

MKN45-18.1
MFI
100000
80000
60000
40000
20000
0
0.0001
0.01
1
100
Conc. (nM)
1
2
3
xi4F11
4
5
xi72C11
6
7
xi120B7
Ref. Ab

FIG. 13

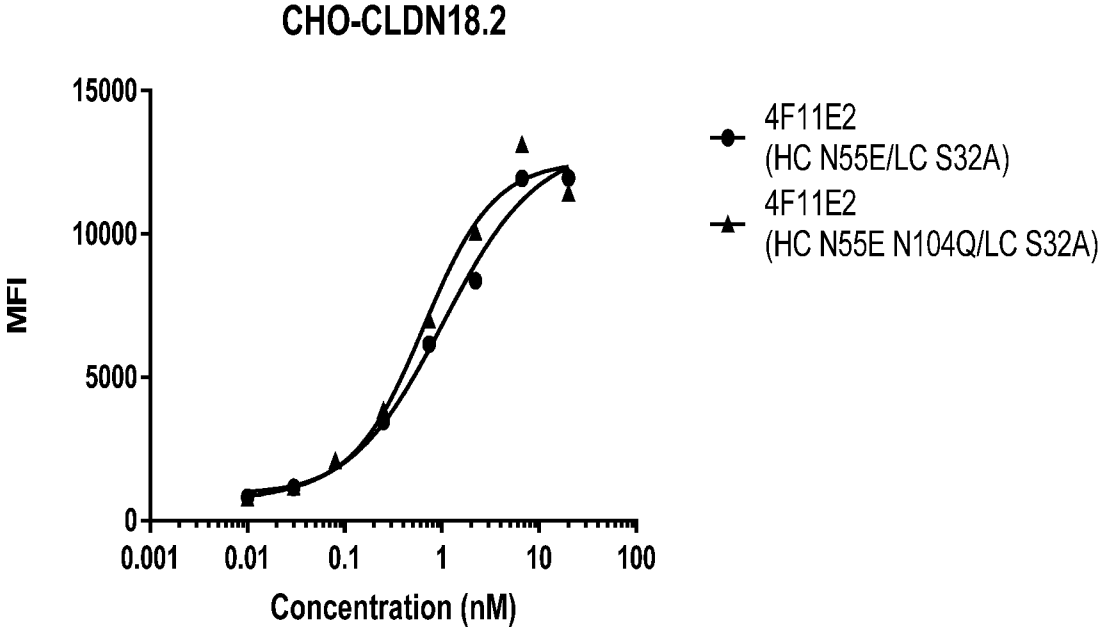

CHO-CLDN18.2
MFI
15000
10000
5000
0
0.001
0.01
0.1
1
10
100
Concentration (nM)
4F11E2
(HC N55E/LC S32A)
4F11E2
(HC N55E N104Q/LC S32A)

FIG. 14

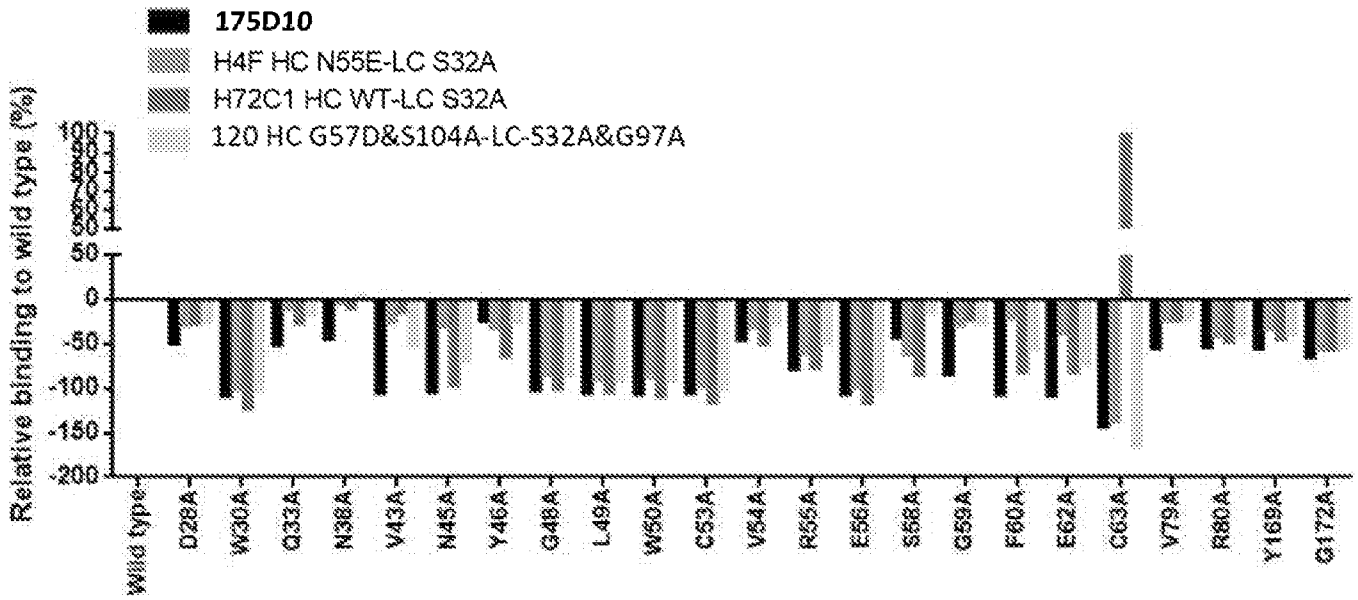

175D10
H4F HC N55E-LC S32A
H72C1 HC WT-LC S32A
120 HC G57D&S104A-LC-S32A&G97A
Relative binding to wild type (%)
100
50
0
-50
-100
-150
-200
Wild type
D28A
W30A
Q33A
N36A
V43A
N45A
Y46A
G48A
L49A
W50A
C53A
V54A
R55A
E56A
S58A
Q59A
F60A
E62A
C63A
V79A
R80A
Y169A
Q172A

FIG. 15

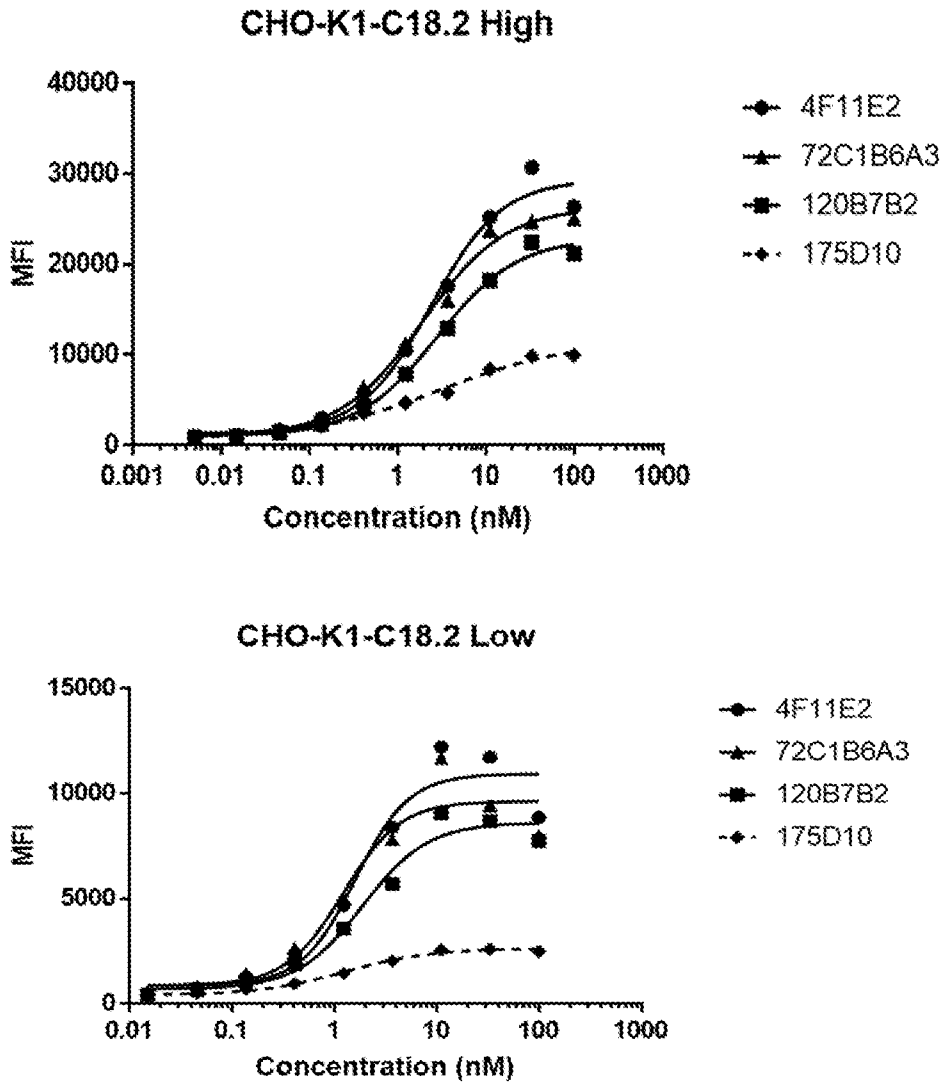

CHO-K1-C18.2 High
MFI
40000
30000
20000
10000
0
0.001
0.01
0.1
1
10
100
1000
Concentration (nM)
4F11E2
72C1B6A3
120B7B2
175D10
CHO-K1-C18.2 Low
MFI
15000
10000
5000
0
0.01
0.1
1
10
100
1000
Concentration (nM)
4F11E2
72C1B6A3
120B7B2
175D10

FIG. 16

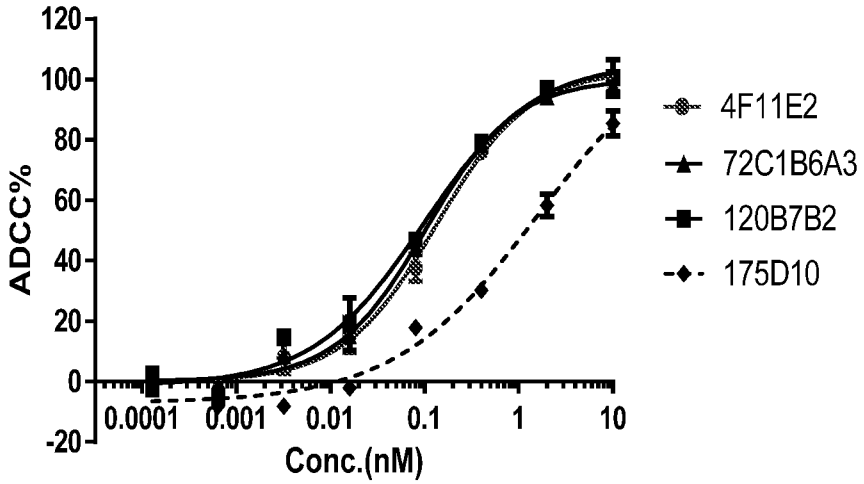

120
100
80
60
40
20
0
-20
ADCC%
0.0001
0.001
0.01
0.1
1
10
Conc.(nM)
4F11E2
72C1B6A3
120B7B2
175D10

FIG. 17

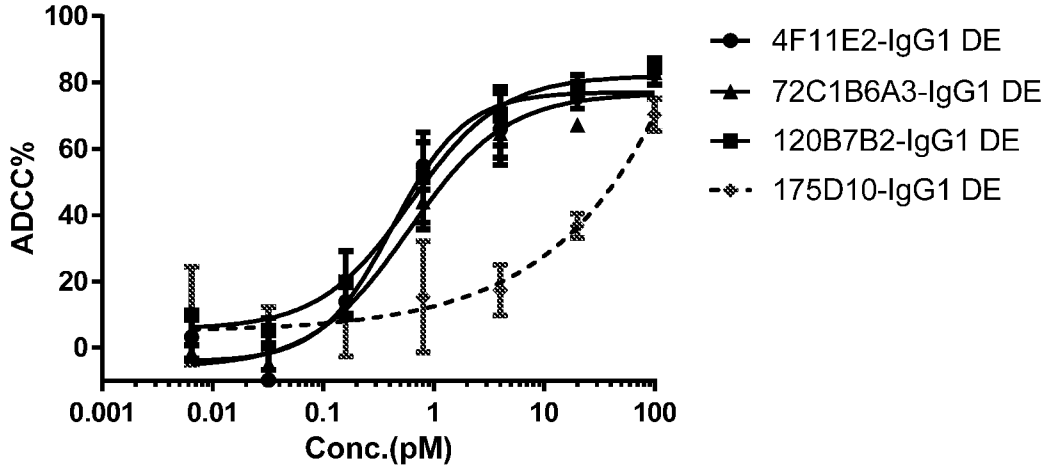

100
80
60
40
20
0
ADCC%
0.001
0.01
0.1
1
10
100
Conc.(pM)
4F11E2-IgG1 DE
72C1B6A3-IgG1 DE
120B7B2-IgG1 DE
175D10-IgG1 DE

FIG. 18

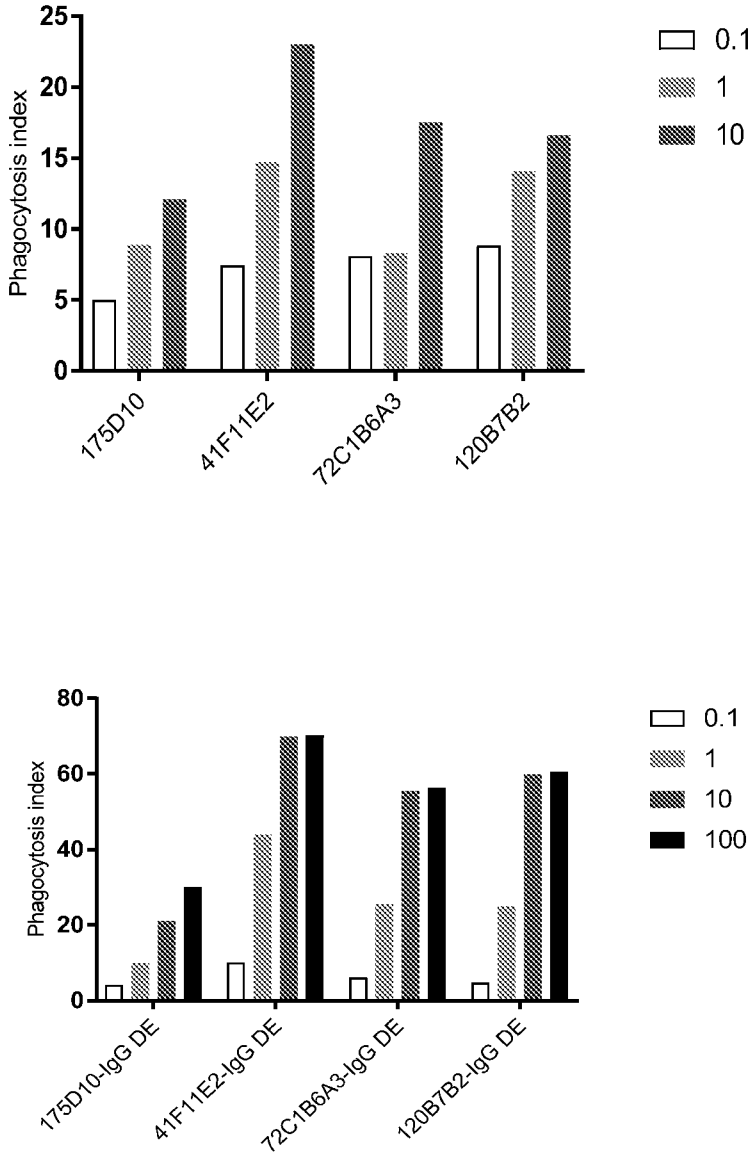

Phagocytosis index
25
20
15
10
5
0
175D10
41F11E2
72C1B6A3
120B7B2
0.1
1
10
Phagocytosis index
80
60
40
20
0
175D10-IgG DE
41F11E2-IgG DE
72C1B6A3-IgG DE
120B7B2-IgG DE
0.1
1
10
100

FIG. 19