FIG. 1

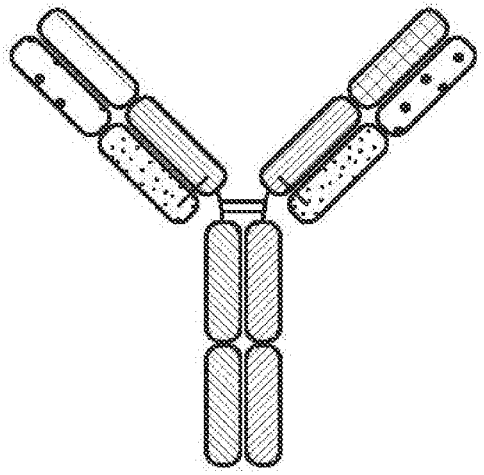

FIG. 2

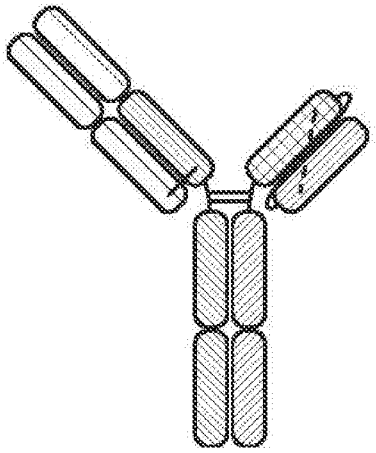

FIG. 3

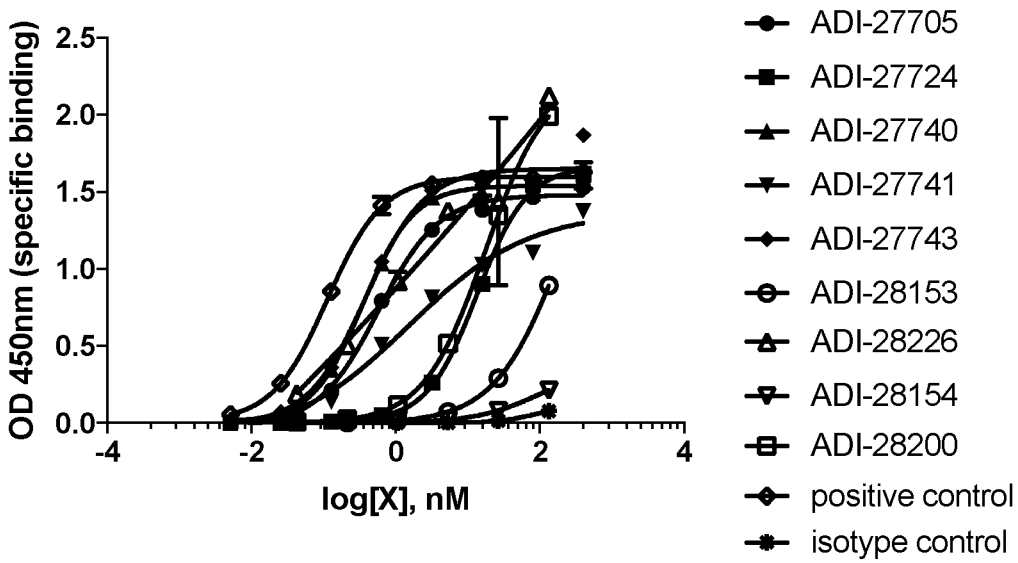
OD 450nm (specific binding)
2.5
2.0
1.5
1.0
0.5
0.0
-4
-2
0
2
4
log[X], nM
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28154
ADI-28200
positive control
isotype control

FIG. 4

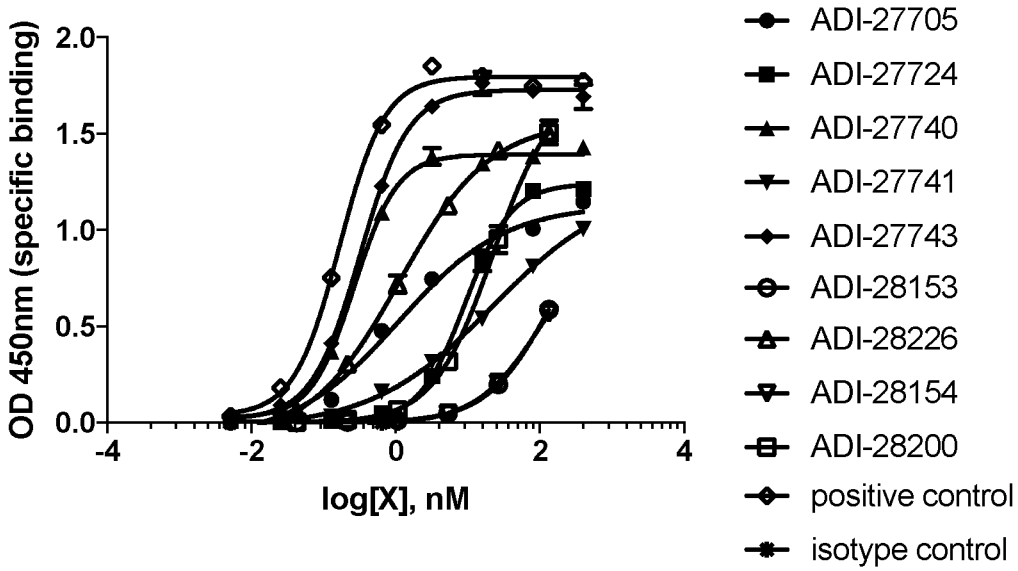
OD 450nm (specific binding)
2.0
1.5
1.0
0.5
0.0
-4
-2
0
2
4
log[X], nM
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28154
ADI-28200
positive control
isotype control

FIG. 5

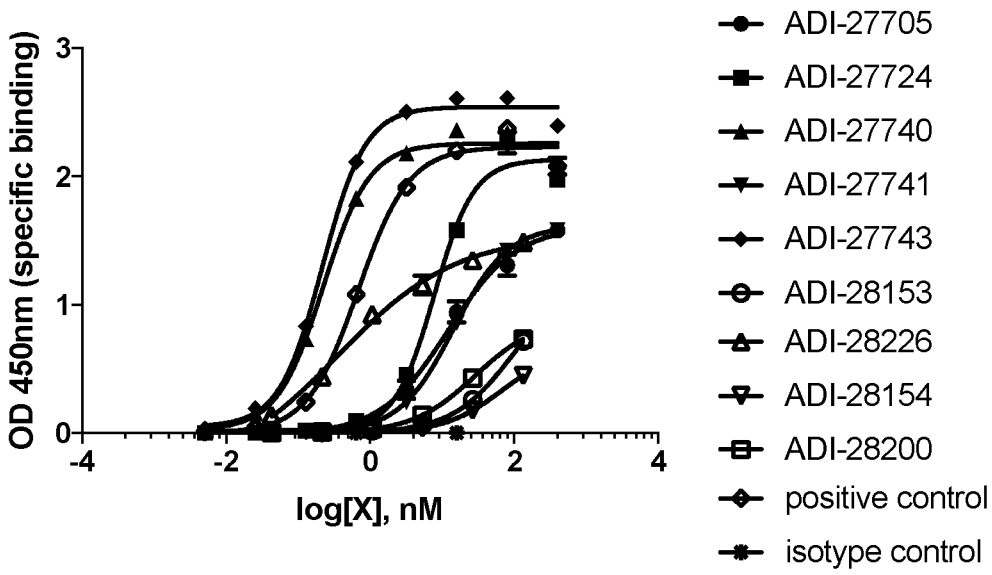
OD 450nm (specific binding)
3
2
1
0
-4
-2
0
2
4
log[X], nM
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28154
ADI-28200
positive control
isotype control

FIG. 6

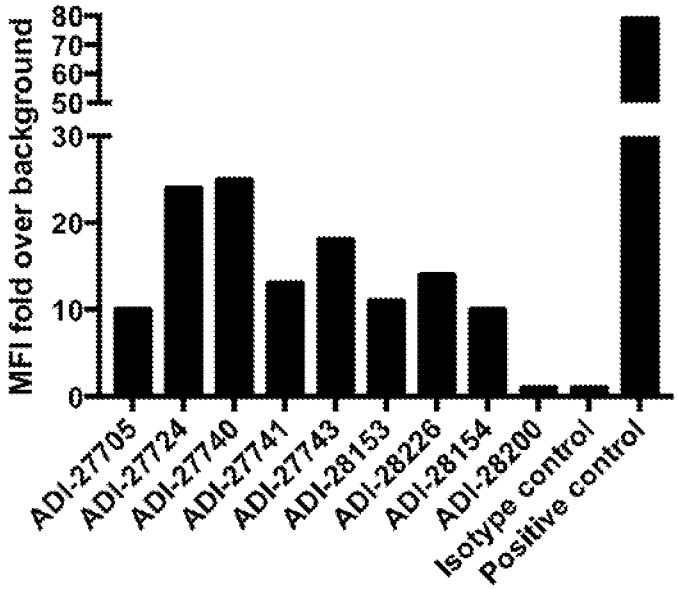
MFI fold over background
80
70
60
50
30
20
10
0
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28154
ADI-28200
Isotype control
Positive control

FIG. 7

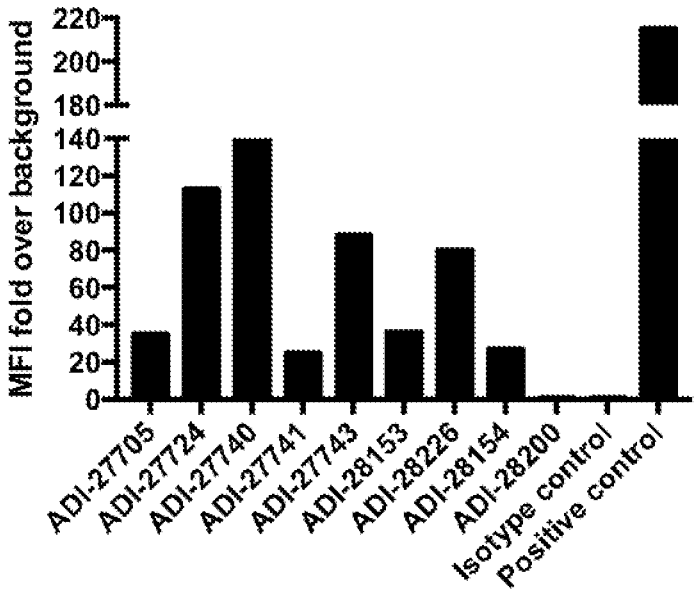
MFI fold over background
220
200
180
140
120
100
80
60
40
20
0
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28154
ADI-28200
Isotype control
Positive control

FIG. 8

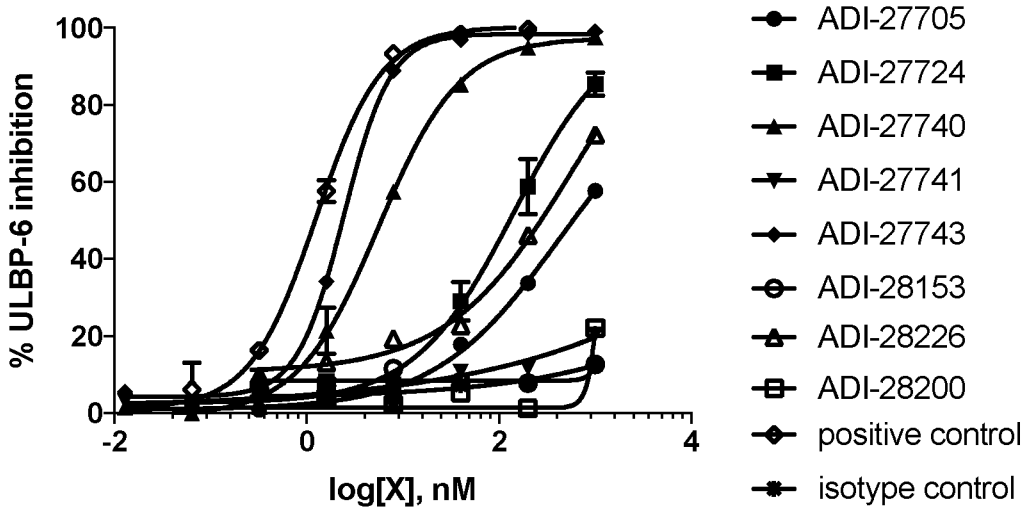
% ULBP-6 inhibition
100
80
60
40
20
0
-2
0
2
4
log[X], nM
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28200
positive control
isotype control

FIG. 9

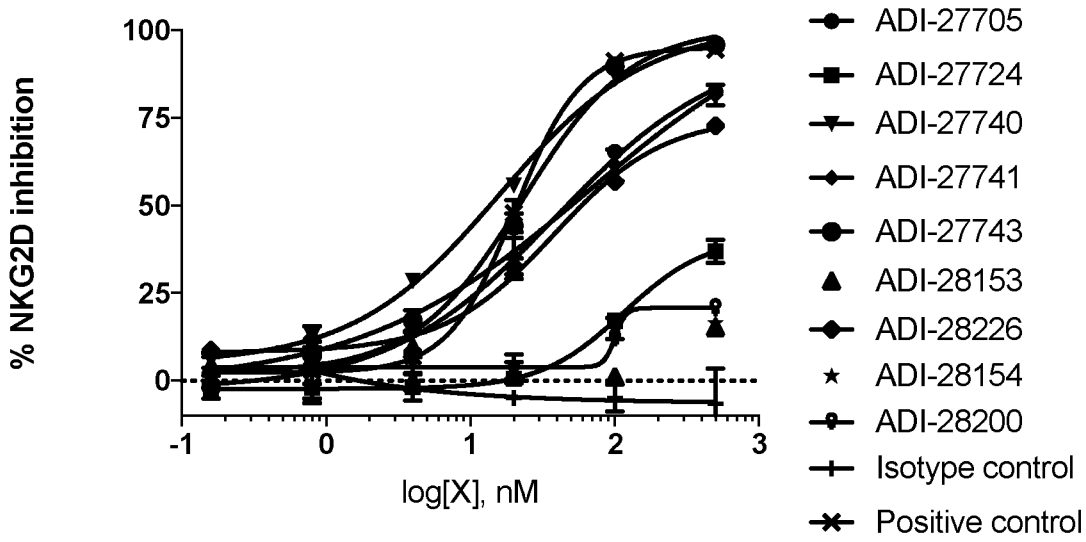
% NKG2D inhibition
100
75
50
25
0
-1
0
1
2
3
log[X], nM
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28154
ADI-28200
Isotype control
Positive control

FIG. 10

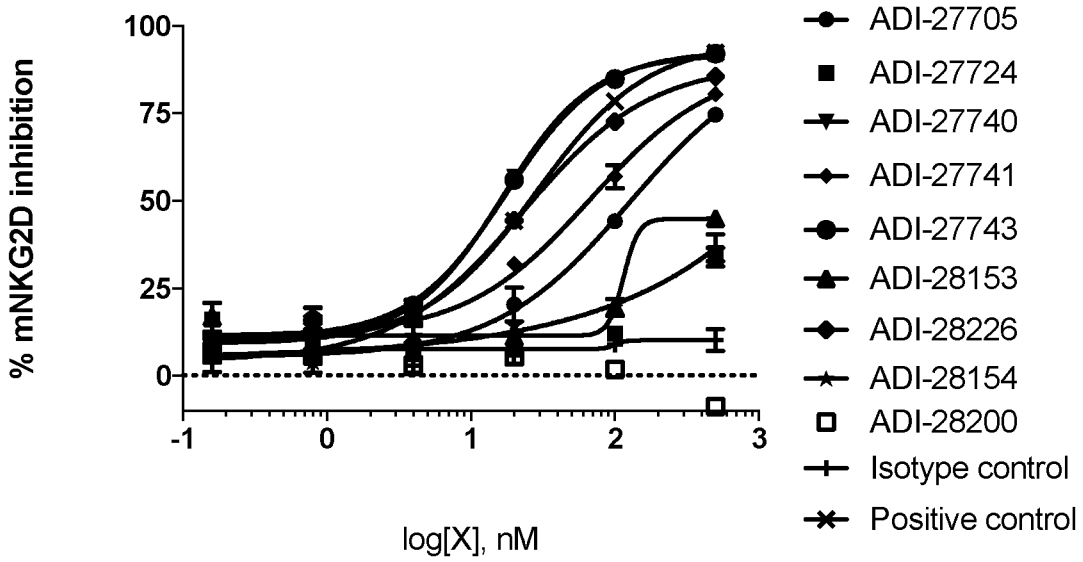
% mNKG2D inhibition
100
75
50
25
0
-1
0
1
2
3
log[X], nM
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28154
ADI-28200
Isotype control
Positive control

FIG. 11

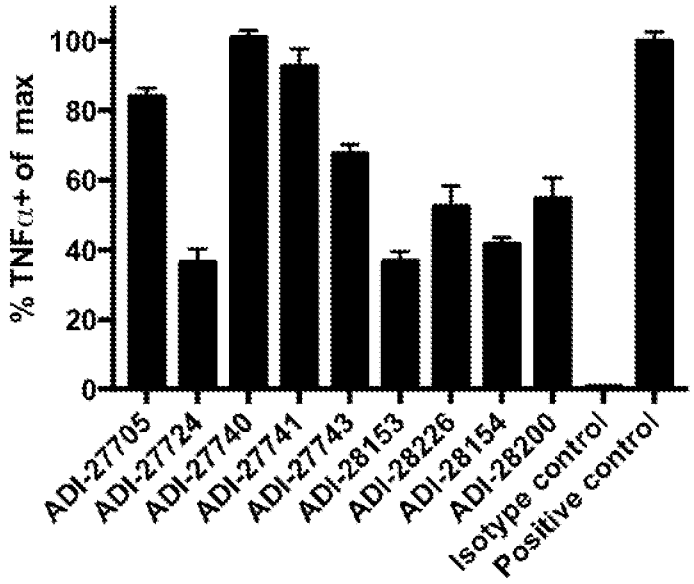
% TNFα+ of max
100
80
60
40
20
0
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28154
ADI-28200
Isotype control
Positive control

FIG. 12

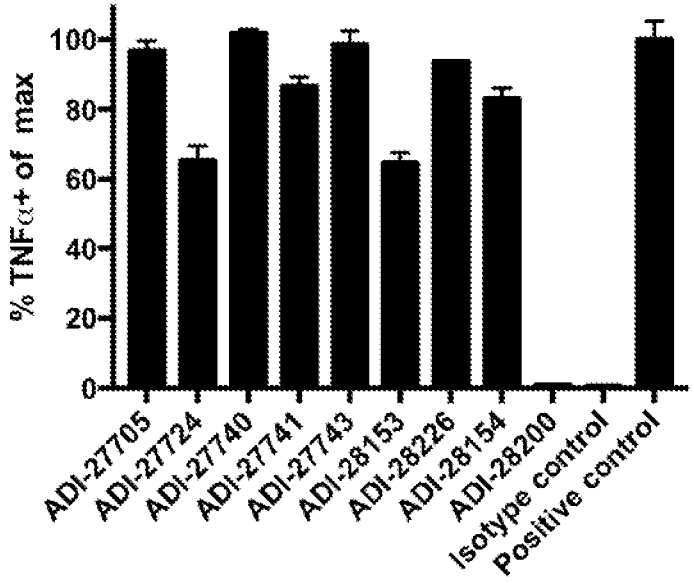
% TNFα+ of max
100
80
60
40
20
0
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28154
ADI-28200
Isotype control
Positive control

FIG. 13

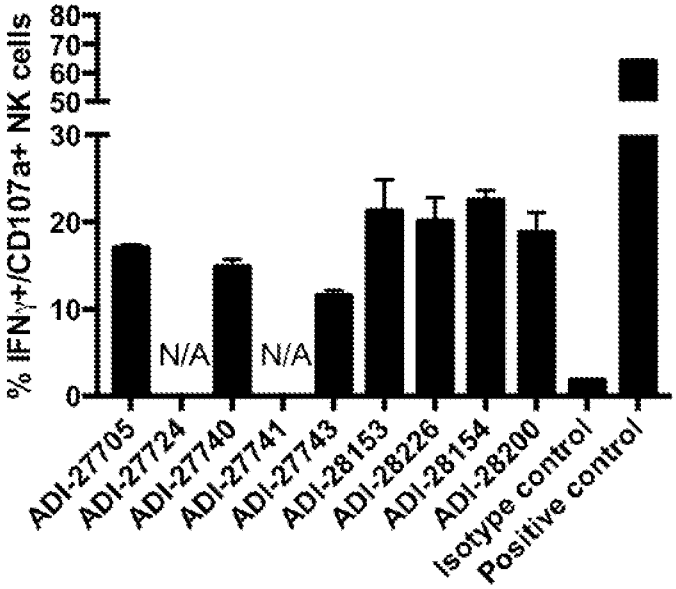
% IFNγ+/CD107a+ NK cells
80
70
60
50
30
20
10
0
N/A
N/A
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28154
ADI-28200
Isotype control
Positive control

FIG. 14

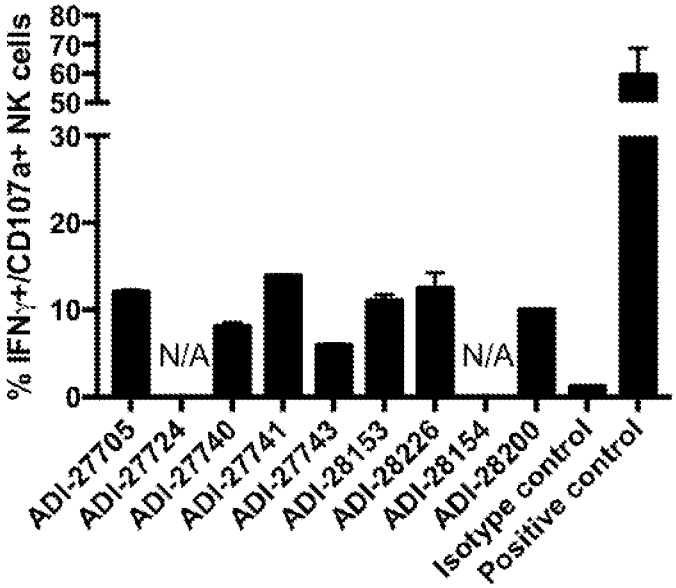
% IFNγ+/CD107a+ NK cells
80
70
60
50
30
20
10
0
N/A
N/A
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28154
ADI-28200
Isotype control
Positive control

FIG. 15

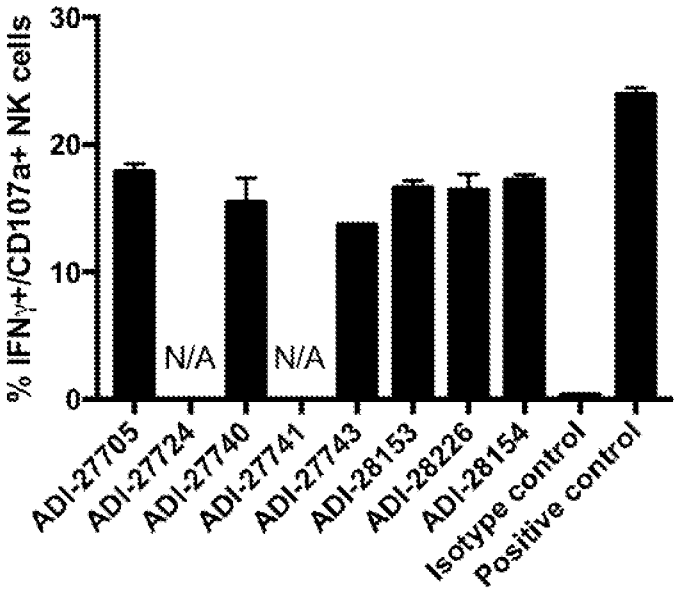
% IFNγ+/CD107a+ NK cells
30
20
10
0
N/A
N/A
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28154
Isotype control
Positive control

FIG. 16

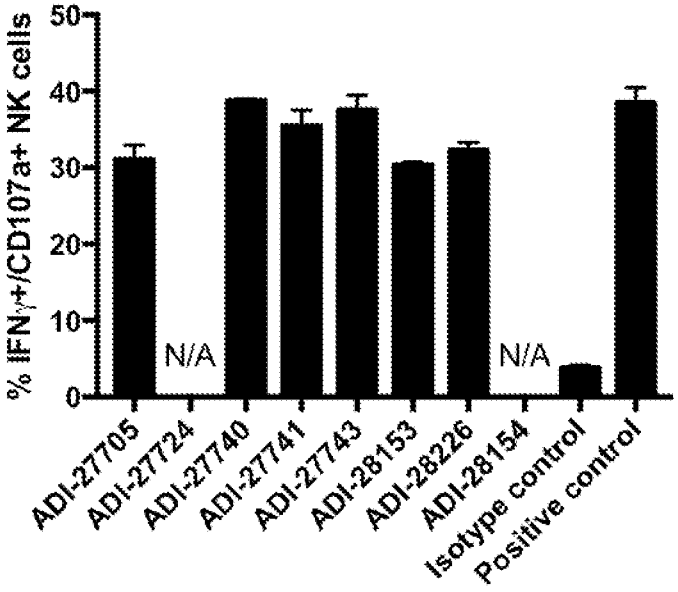
% IFNγ+/CD107a+ NK cells
50
40
30
20
10
0
N/A
N/A
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28154
Isotype control
Positive control

FIG. 17

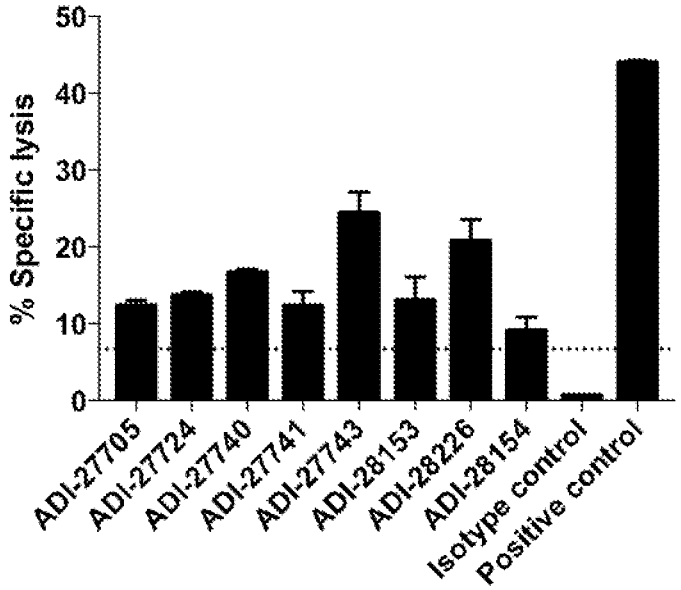
% Specific lysis
50
40
30
20
10
0
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28154
Isotype control
Positive control

FIG. 18

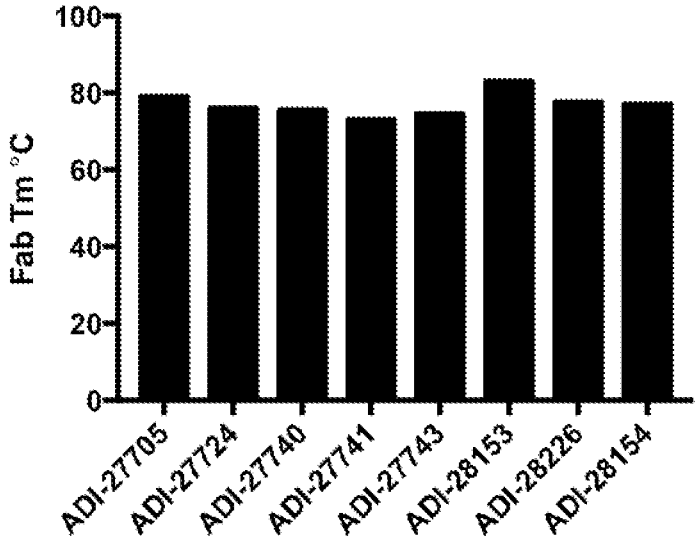
Fab Tm °C
100
80
60
40
20
0
ADI-27705
ADI-27724
ADI-27740
ADI-27741
ADI-27743
ADI-28153
ADI-28226
ADI-28154

FIG. 19A

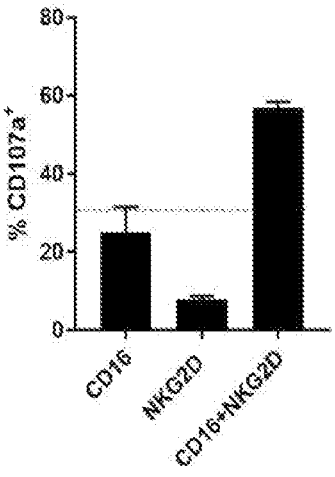

FIG. 19B

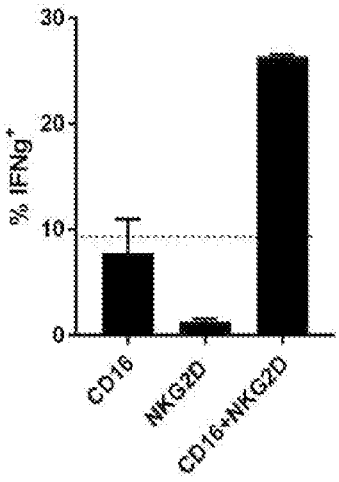

FIG. 19C

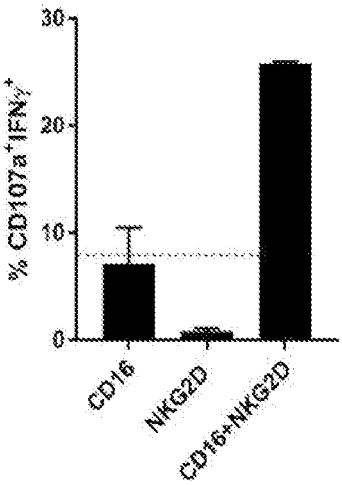

FIG. 20

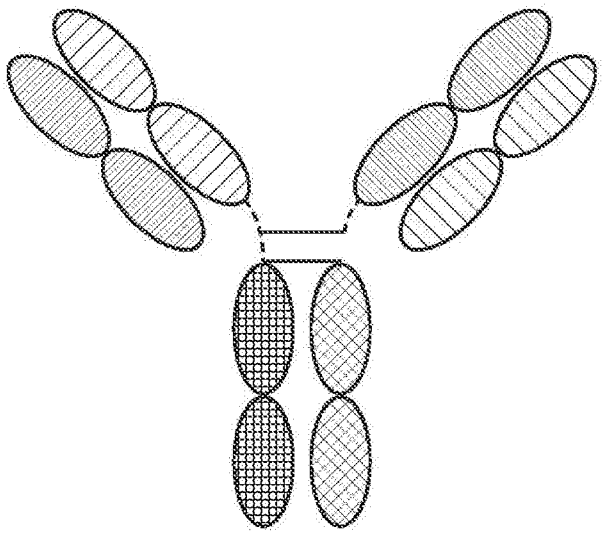

FIG. 21

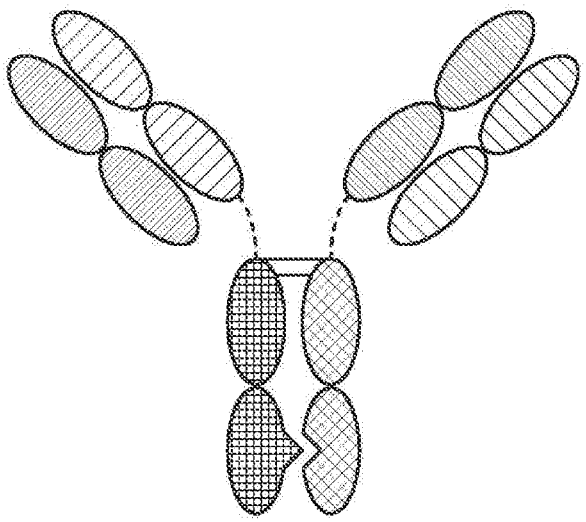

FIG. 22

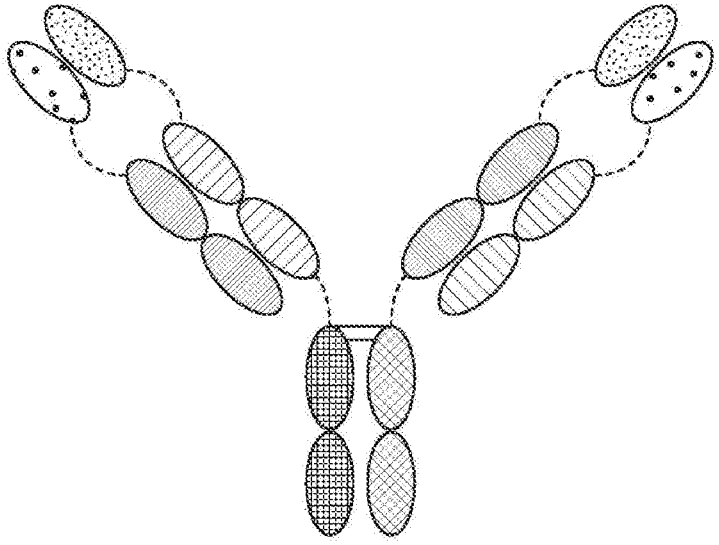

FIG. 23

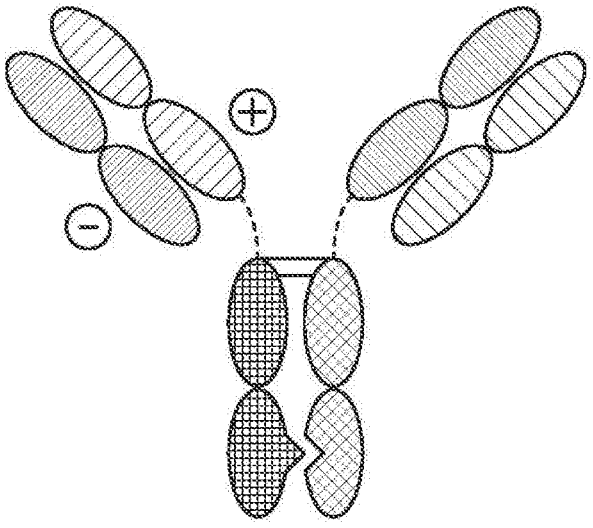

FIG. 24

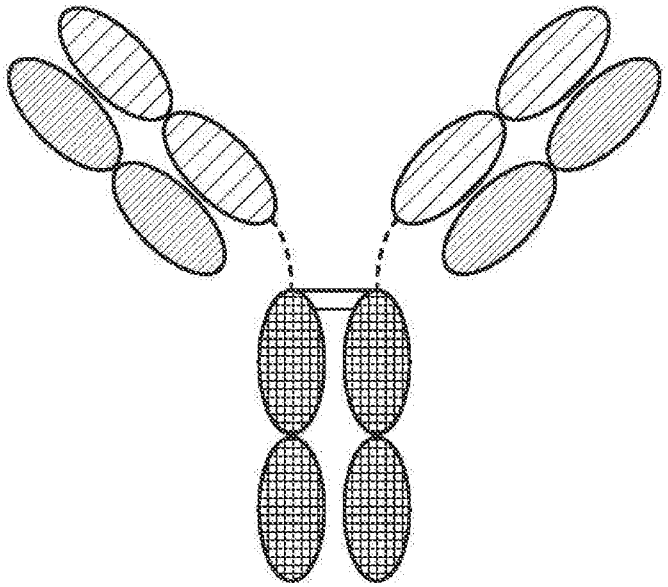

FIG. 25

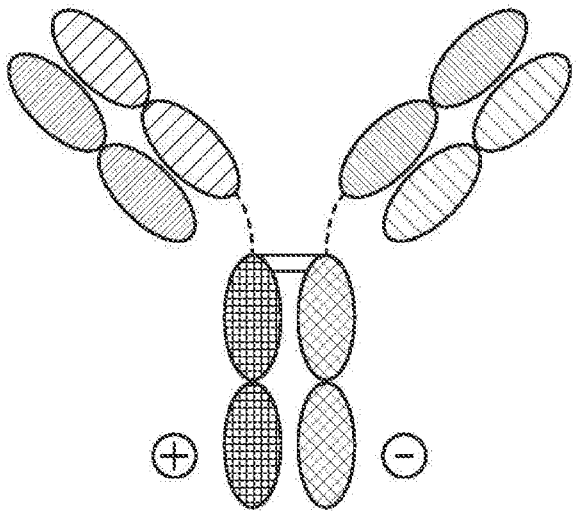

FIG. 26

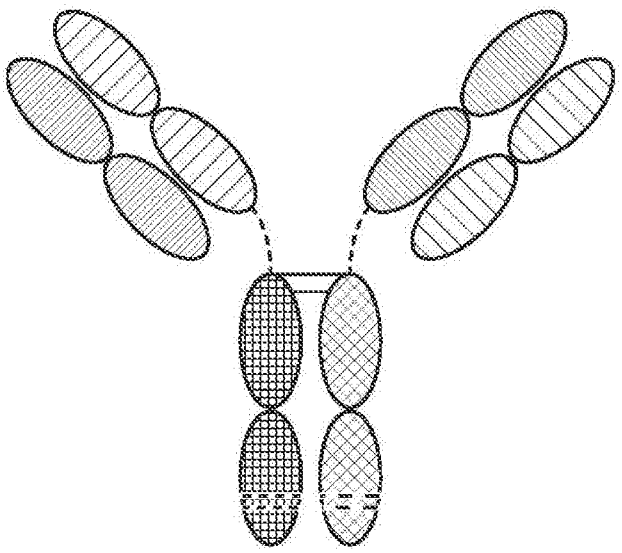

FIG. 27

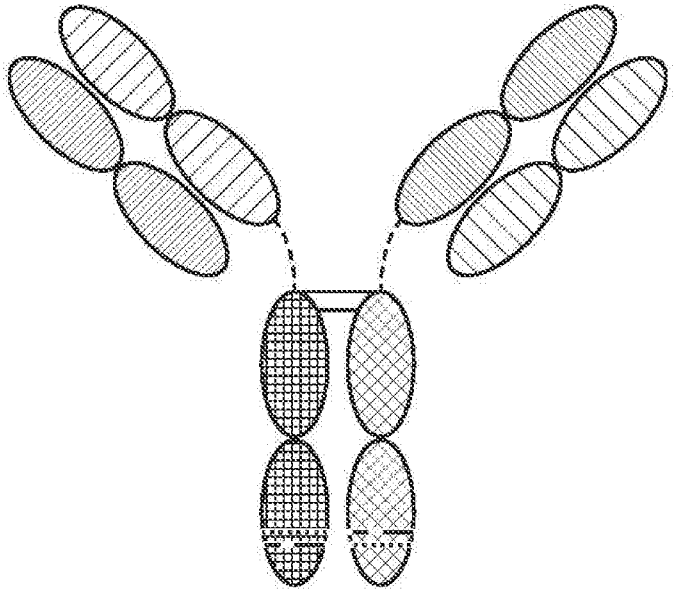

FIG. 28

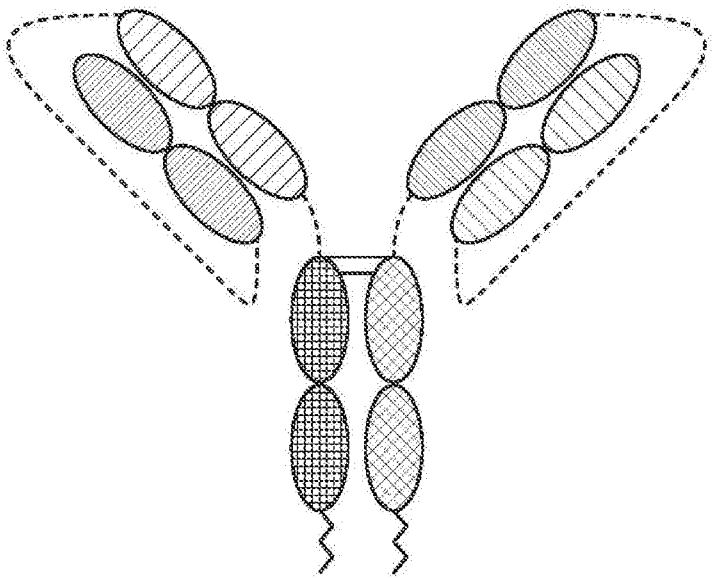

FIG. 29

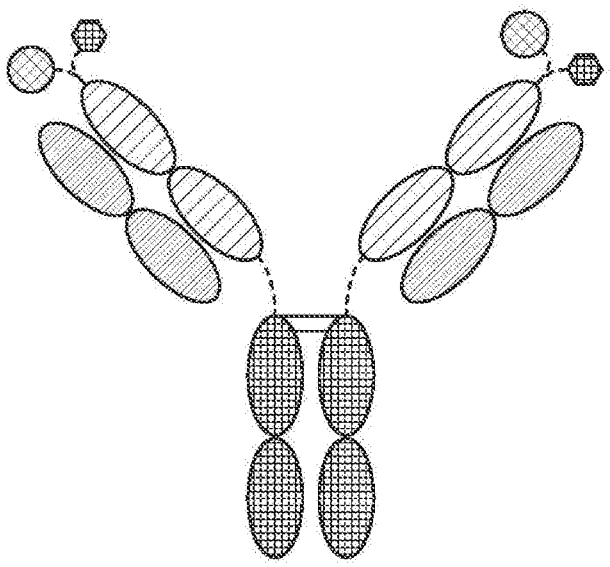

FIG. 30A

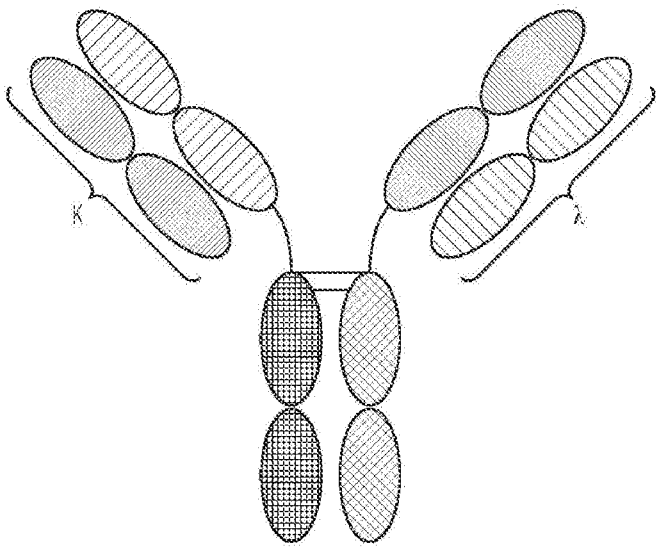

FIG. 30B

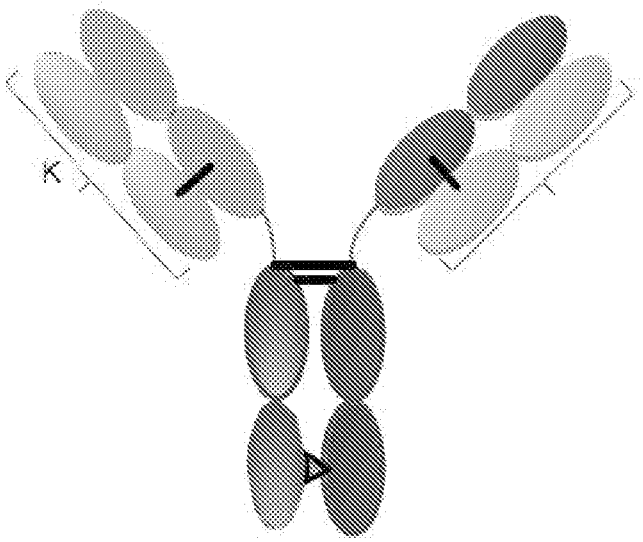

FIG. 31

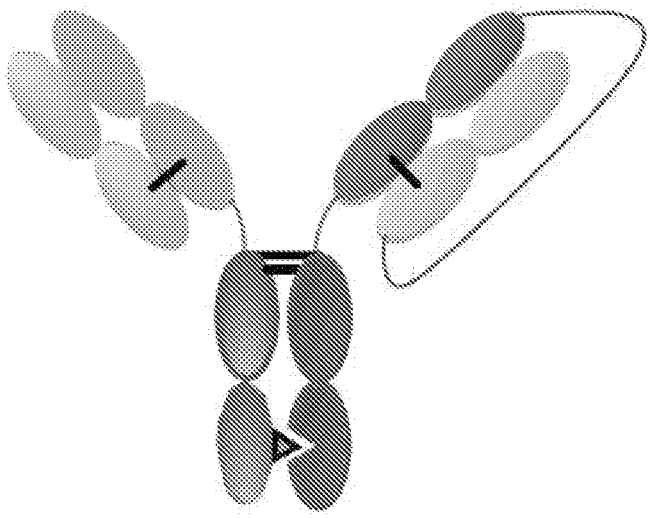

FIG. 32

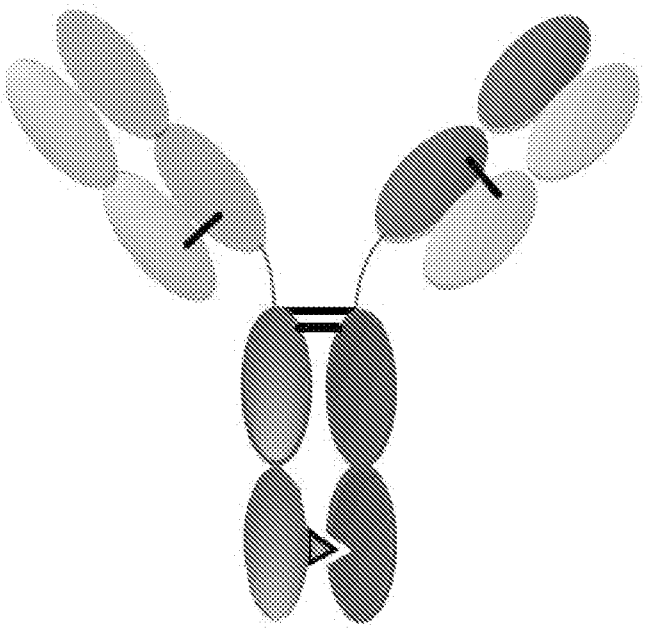

FIG. 33

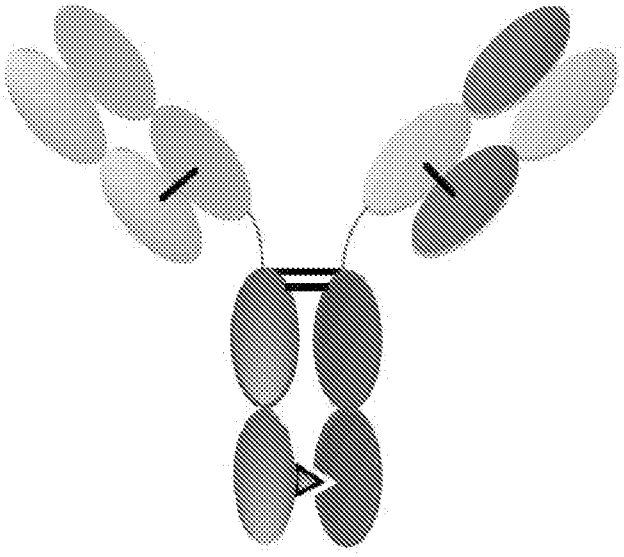

FIG. 34

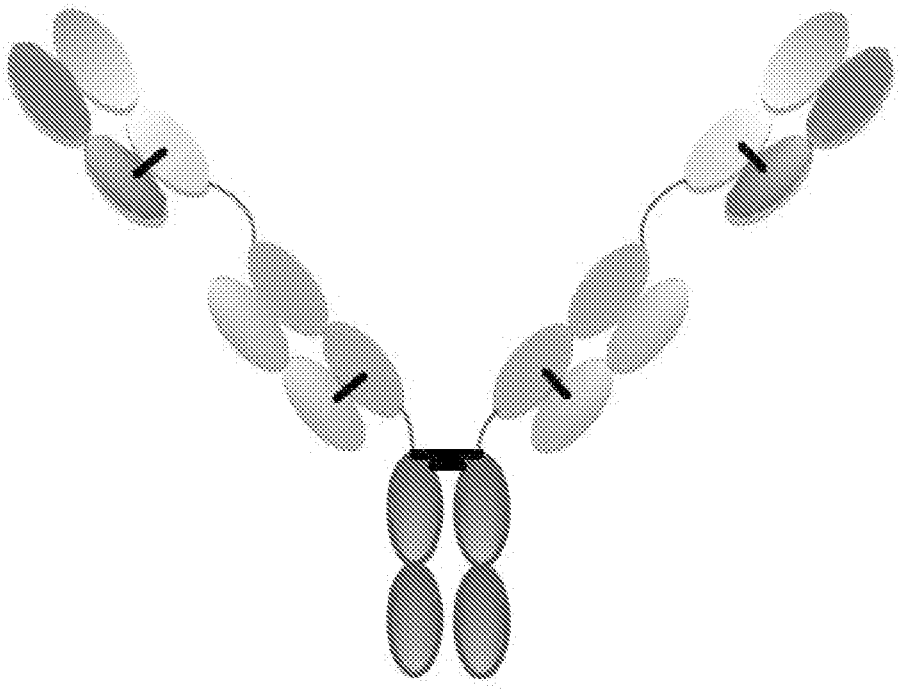

FIG. 35

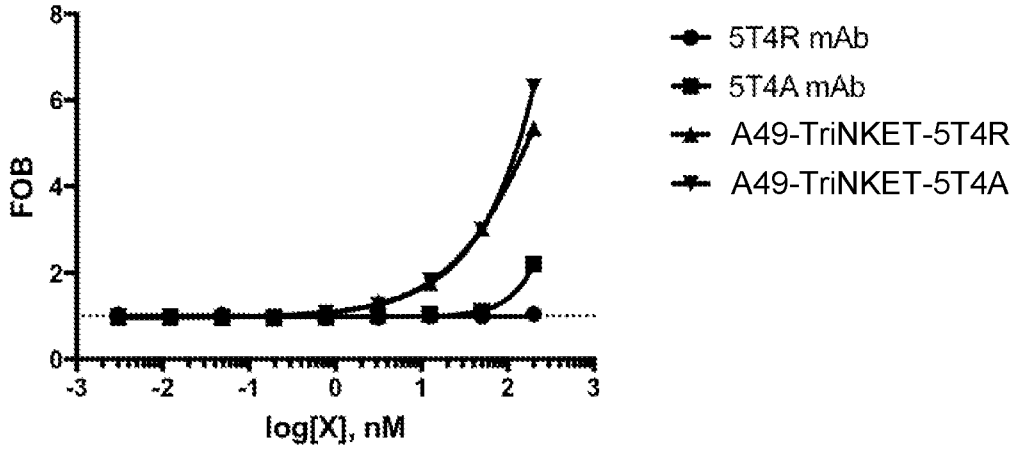
FOB
log[X], nM
5T4R mAb
5T4A mAb
A49-TriNKET-5T4R
A49-TriNKET-5T4A

FIG. 36

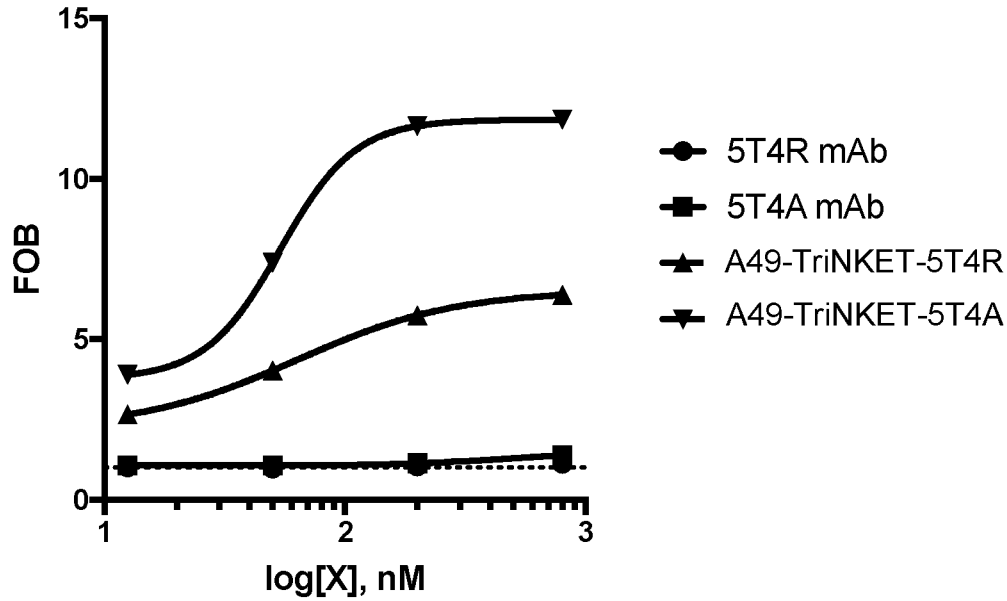
FOB
log[X], nM
5T4R mAb
5T4A mAb
A49-TriNKET-5T4R
A49-TriNKET-5T4A

FIG. 37

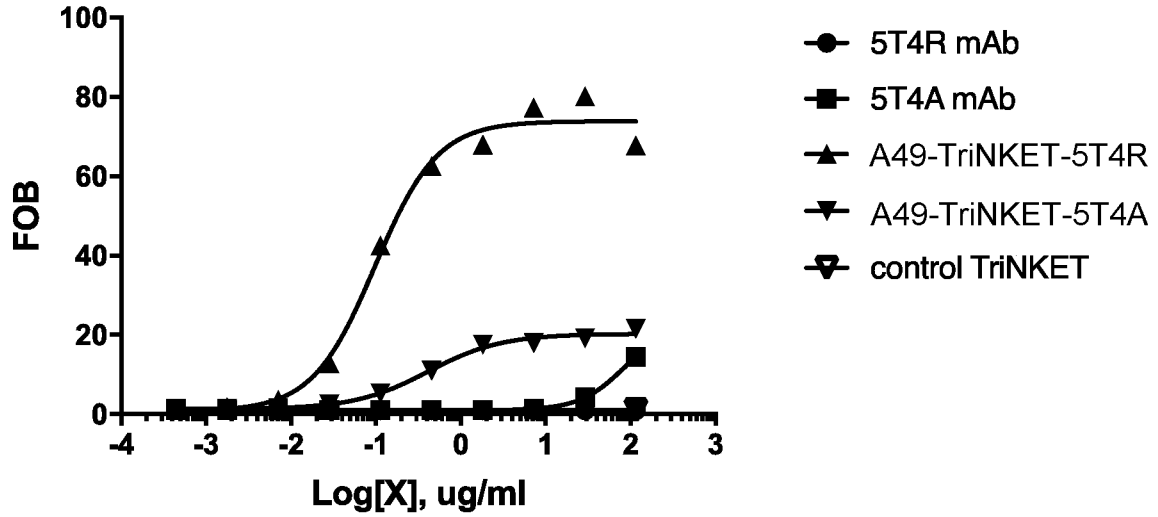
100
80
60
40
20
0
FOB
-4
-3
-2
-1
0
1
2
3
Log[X], ug/ml
5T4R mAb
5T4A mAb
A49-TriNKET-5T4R
A49-TriNKET-5T4A
control TriNKET

FIG. 38

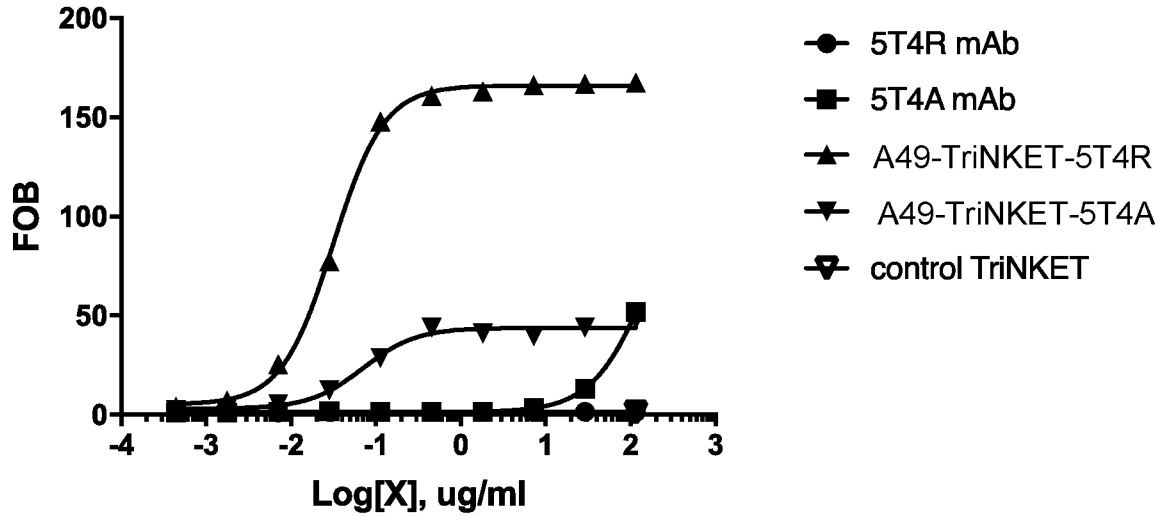
200
150
100
50
0
FOB
-4
-3
-2
-1
0
1
2
3
Log[X], ug/ml
5T4R mAb
5T4A mAb
A49-TriNKET-5T4R
A49-TriNKET-5T4A
control TriNKET

FIG. 39

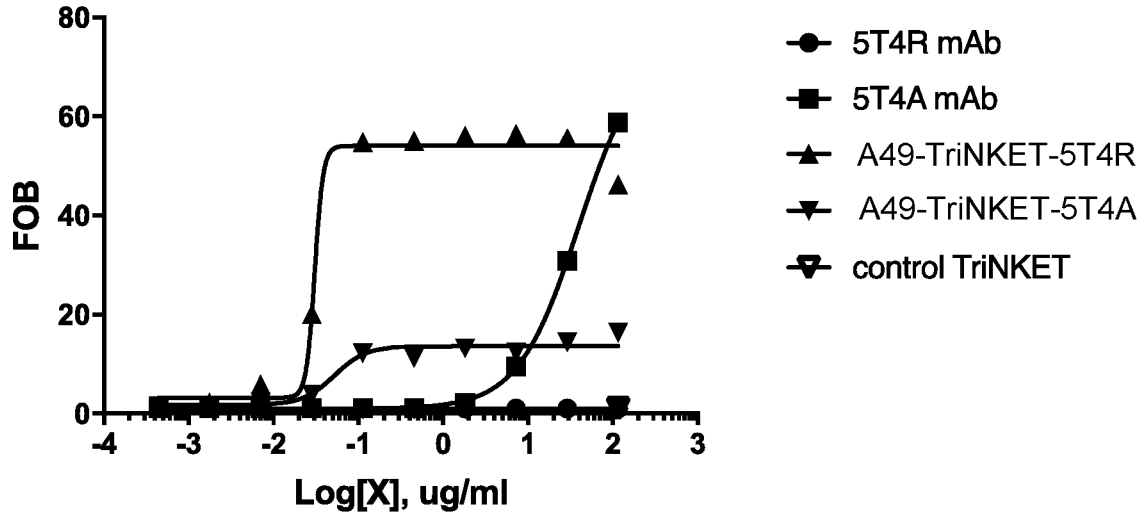
80
60
40
20
0
FOB
-4
-3
-2
-1
0
1
2
3
Log[X], ug/ml
5T4R mAb
5T4A mAb
A49-TriNKET-5T4R
A49-TriNKET-5T4A
control TriNKET

FIG. 40

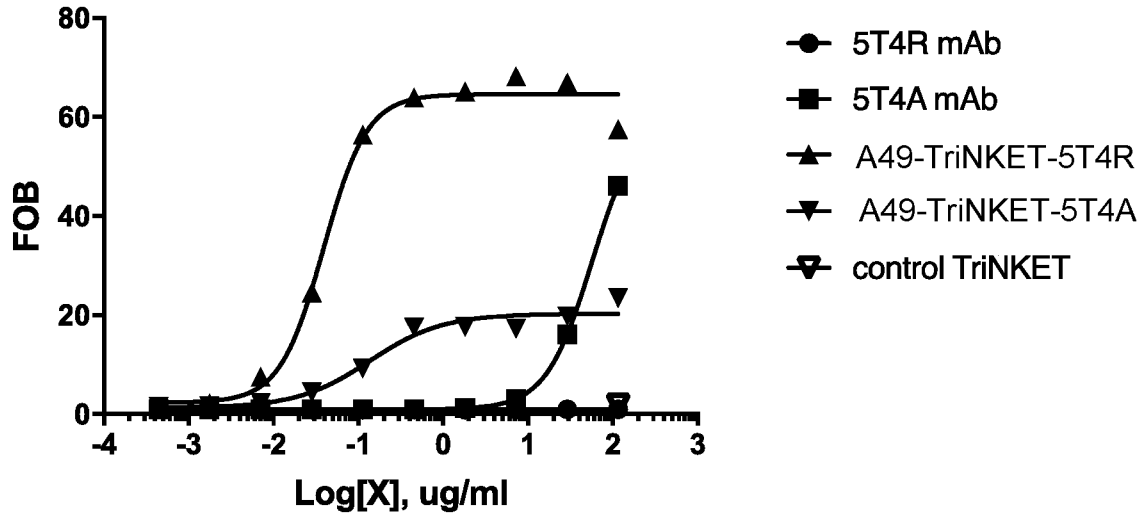
80
60
40
20
0
FOB
-4
-3
-2
-1
0
1
2
3
Log[X], ug/ml
5T4R mAb
5T4A mAb
A49-TriNKET-5T4R
A49-TriNKET-5T4A
control TriNKET

FIG. 41

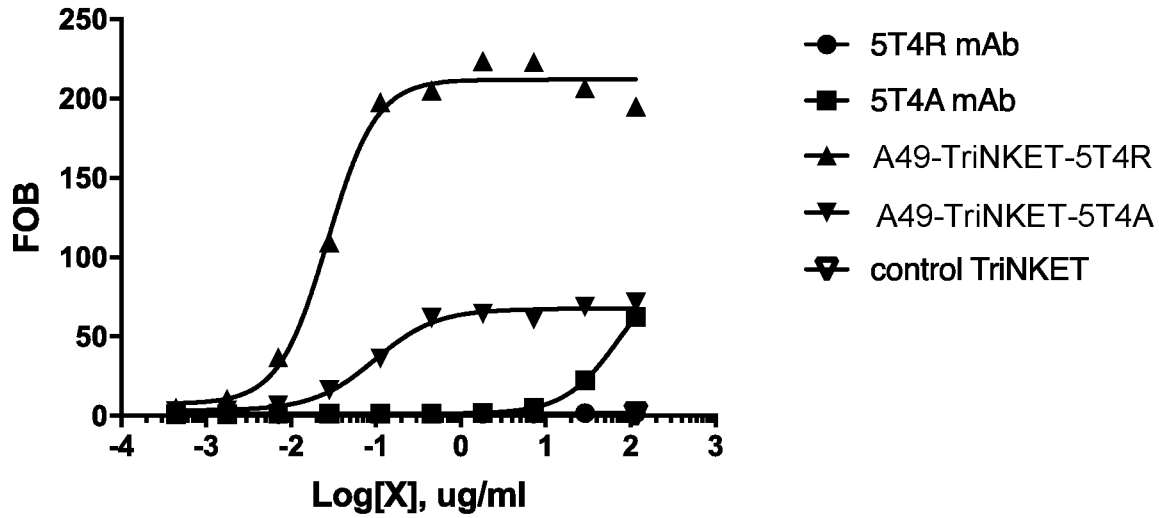
250
200
150
100
50
0
FOB
-4
-3
-2
-1
0
1
2
3
Log[X], ug/ml
5T4R mAb
5T4A mAb
A49-TriNKET-5T4R
A49-TriNKET-5T4A
control TriNKET

FIG. 42

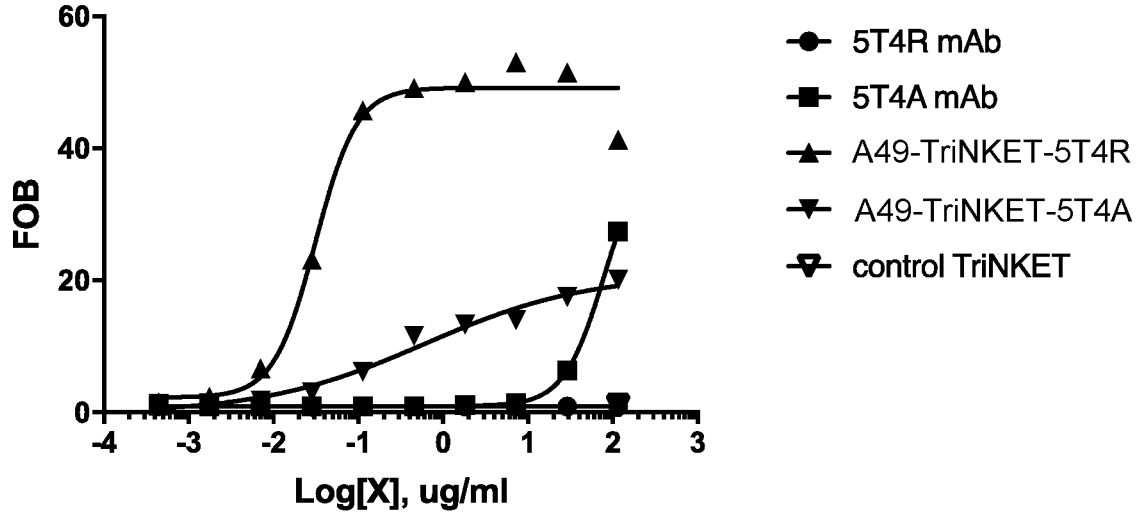
60
40
20
0
FOB
-4
-3
-2
-1
0
1
2
3
Log[X], ug/ml
5T4R mAb
5T4A mAb
A49-TriNKET-5T4R
A49-TriNKET-5T4A
control TriNKET

FIG. 43A

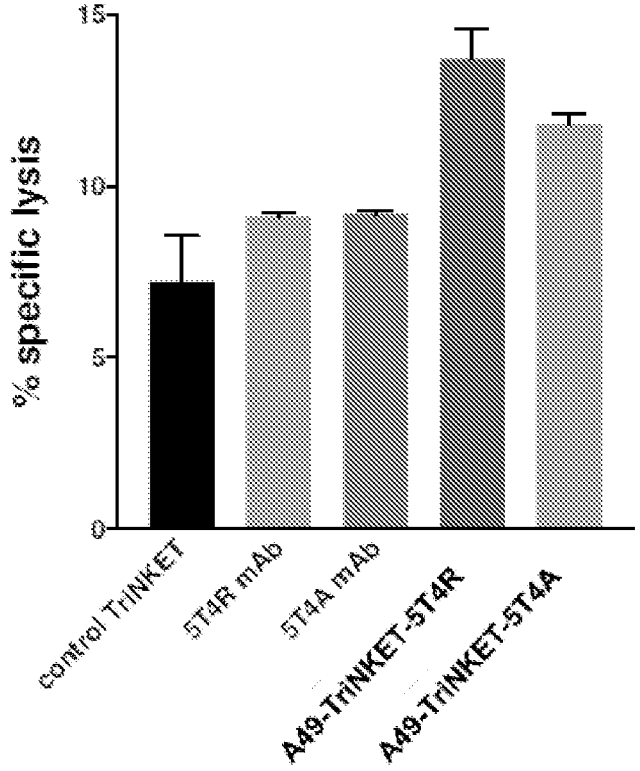

FIG. 43B

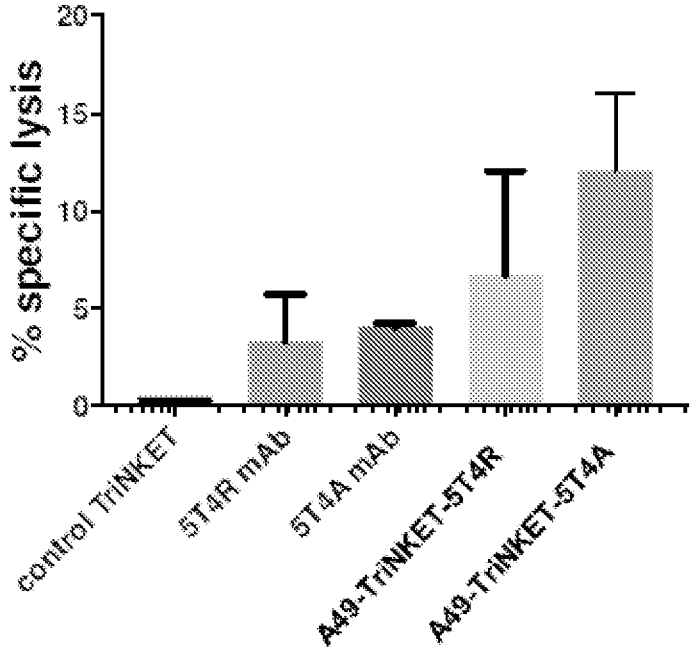

FIG. 44

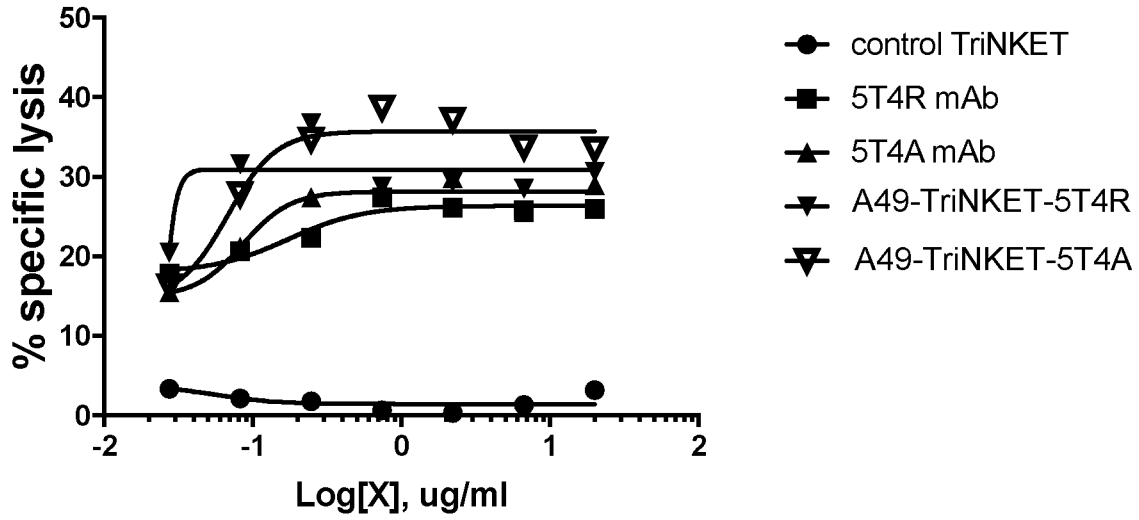

FIG. 45A

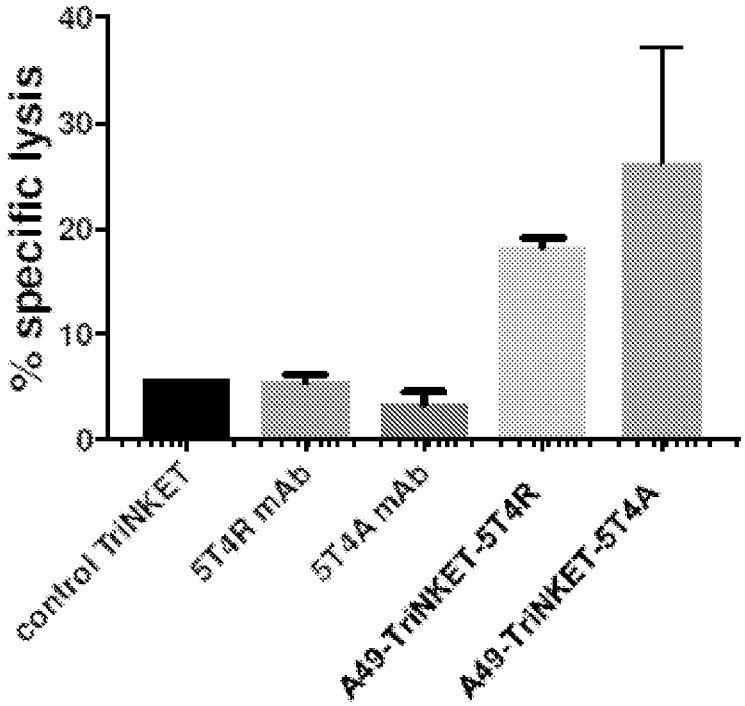

FIG. 45B

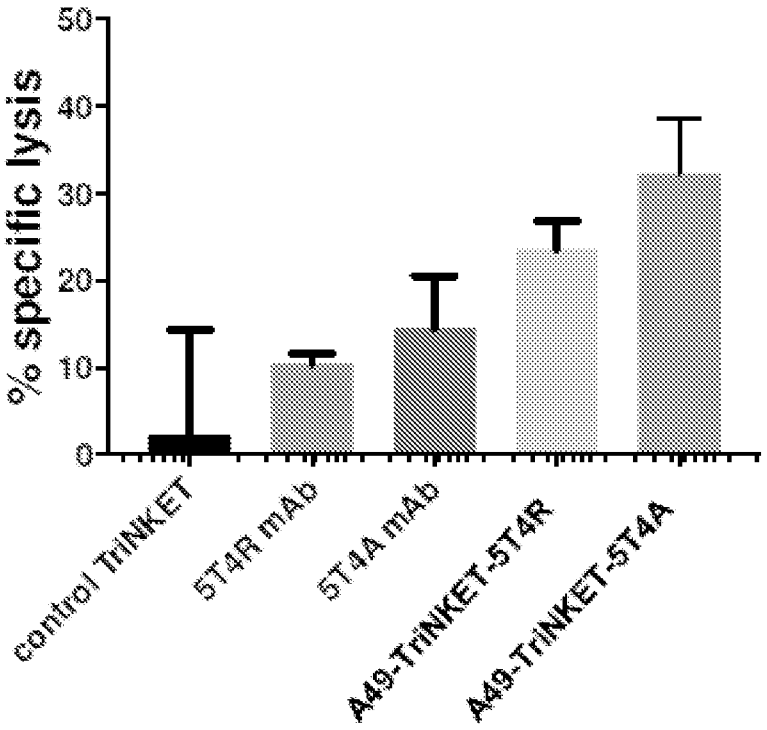

FIG. 46

