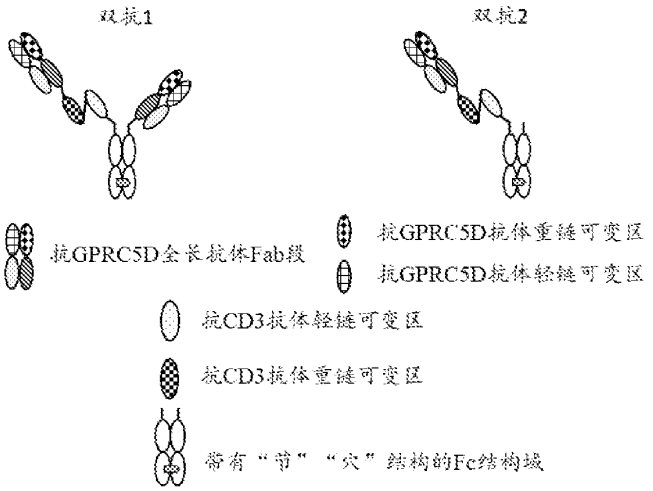

双抗1
双抗2
抗GPRC5D全长抗体Fab段
抗GPRC5D抗体重链可变区
抗GPRC5D抗体轻链可变区
抗CD3抗体轻链可变区
抗CD3抗体重链可变区
带有“节”“穴”结构的Fc结构域

图 1

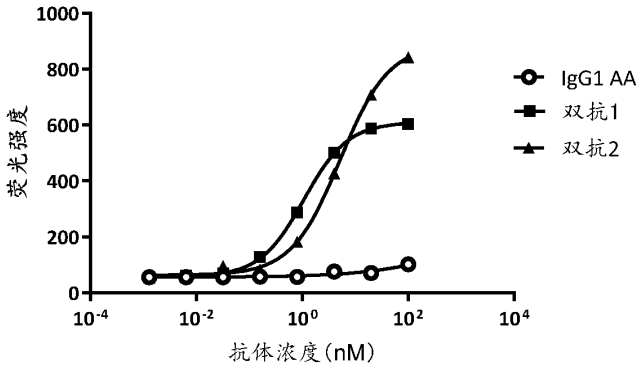

1000
800
600
400
200
0
荧光强度
10-4
10-2
100
102
104
抗体浓度(nM)
IgG1 AA
双抗1
双抗2

图 2A

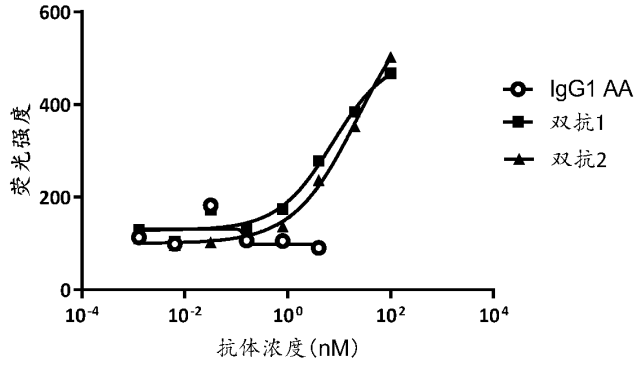

600
400
200
0
荧光强度
10-4
10-2
100
102
104
抗体浓度(nM)
IgG1 AA
双抗1
双抗2

图 2B

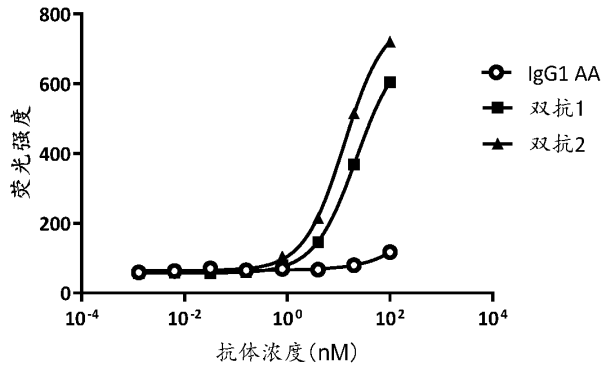

800
600
400
200
0
荧光强度
10-4
10-2
100
102
104
抗体浓度(nM)
IgG1 AA
双抗1
双抗2

图 2C

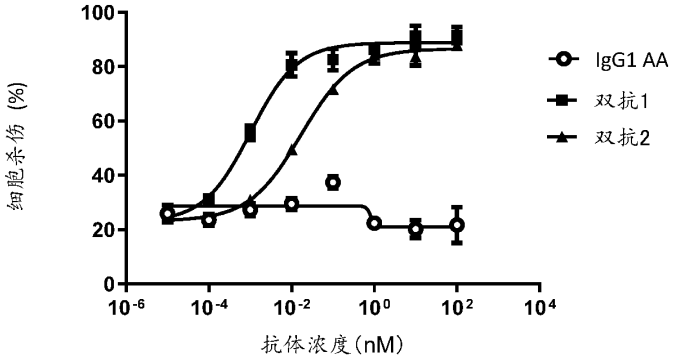

100
80
60
40
20
0
细胞杀伤 (%)
10-6
10-4
10-2
100
102
104
抗体浓度(nM)
IgG1 AA
双抗1
双抗2

图 3A

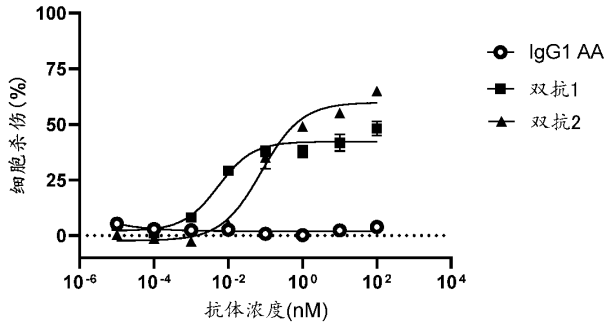

100
75
50
25
0
细胞杀伤(%)
10-6
10-4
10-2
100
102
104
抗体浓度(nM)
IgG1 AA
双抗1
双抗2

图 3B

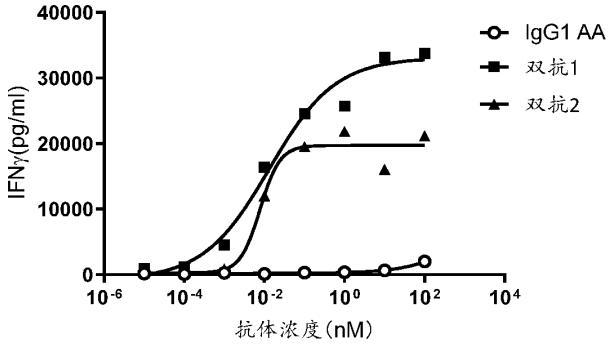

40000
30000
20000
10000
0
IFNγ(pg/ml)
10-6
10-4
10-2
100
102
104
抗体浓度(nM)
IgG1 AA
双抗1
双抗2

图 3C

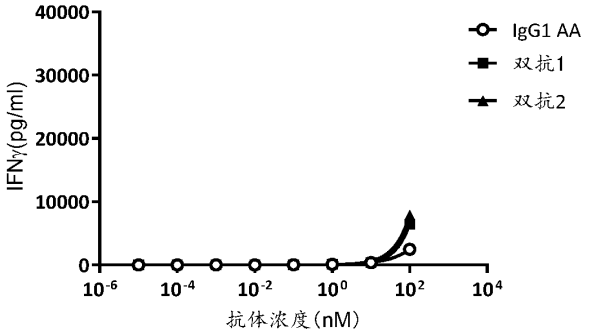

40000
30000
20000
10000
0
IFNγ(pg/ml)
10-6
10-4
10-2
100
102
104
抗体浓度(nM)
IgG1 AA
双抗1
双抗2

图 3D

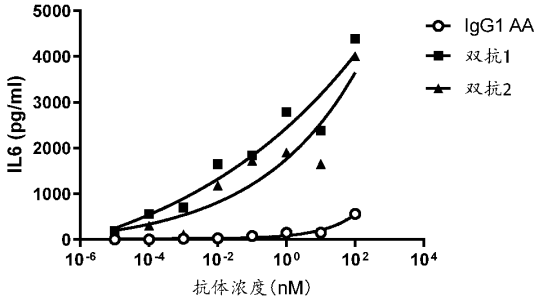

5000
4000
3000
2000
1000
0
IL6 (pg/ml)
10-6
10-4
10-2
100
102
104
抗体浓度(nM)
IgG1 AA
双抗1
双抗2

图 3E

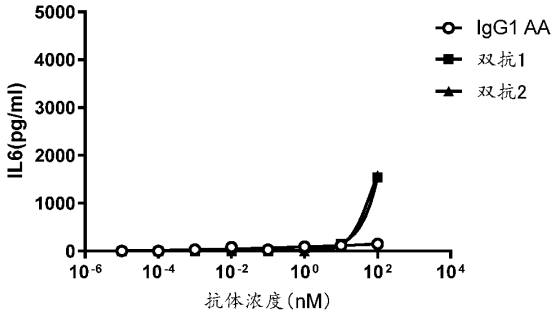

5000
4000
3000
2000
1000
0
IL6(pg/ml)
10-6
10-4
10-2
100
102
104
抗体浓度(nM)
IgG1 AA
双抗1
双抗2

图 3F

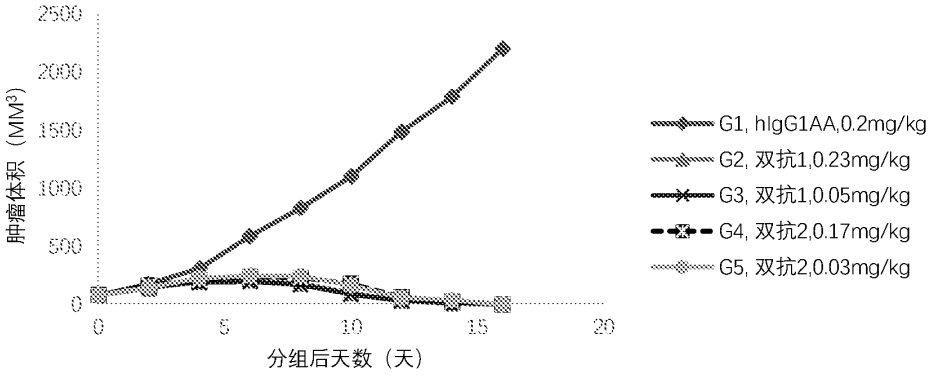

2500
2000
1500
1000
500
0
肿瘤体积（MM3）
0
5
10
15
20
分组后天数（天）
G1, hIgG1AA,0.2mg/kg
G2, 双抗1,0.23mg/kg
G3, 双抗1,0.05mg/kg
G4, 双抗2,0.17mg/kg
G5, 双抗2,0.03mg/kg

图 4

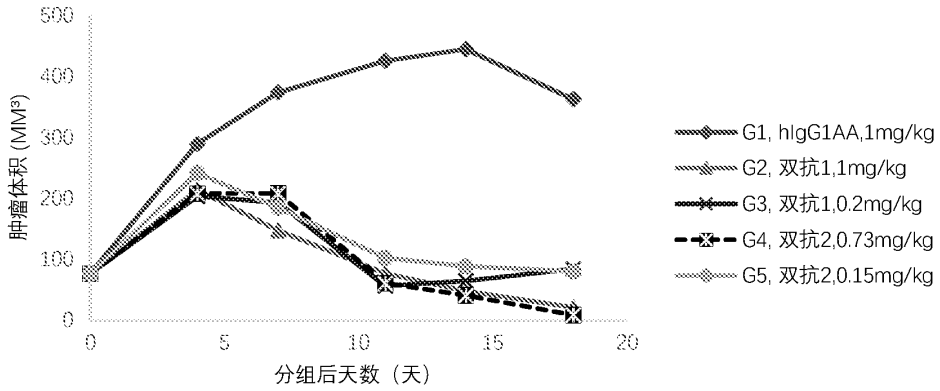

500
400
300
200
100
0
肿瘤体积 (MM3)
0
5
10
15
20
分组后天数（天）
G1, hIgG1AA,1mg/kg
G2, 双抗1,1mg/kg
G3, 双抗1,0.2mg/kg
G4, 双抗2,0.73mg/kg
G5, 双抗2,0.15mg/kg

图 5

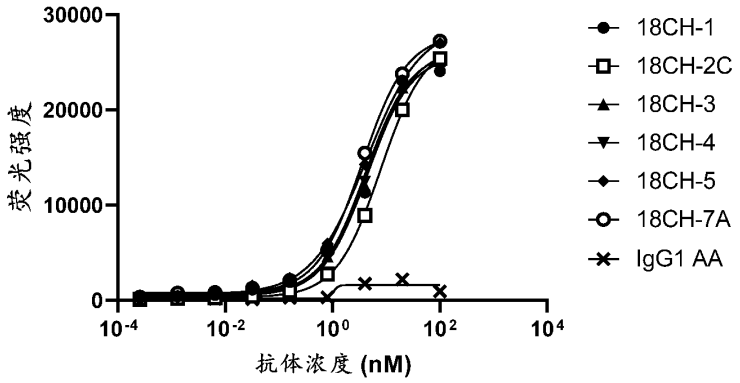

30000
20000
10000
0
荧光强度
10-4
10-2
100
102
104
抗体浓度 (nM)
18CH-1
18CH-2C
18CH-3
18CH-4
18CH-5
18CH-7A
IgG1 AA

图 6A

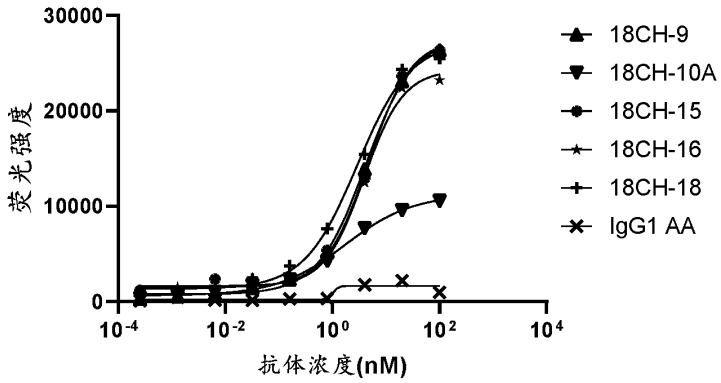

30000
20000
10000
0
荧光强度
10-4
10-2
100
102
104
抗体浓度(nM)
18CH-9
18CH-10A
18CH-15
18CH-16
18CH-18
IgG1 AA

图 6B

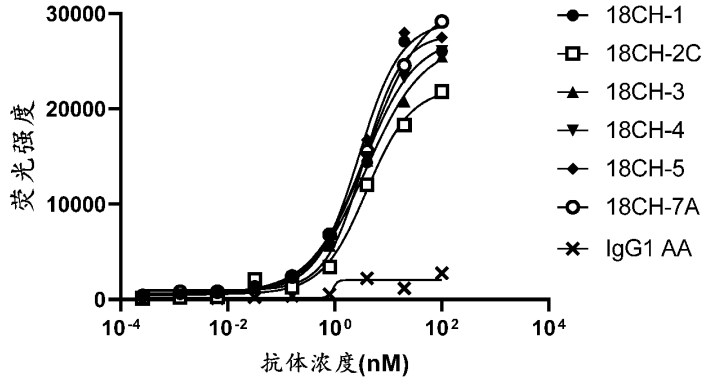

30000
20000
10000
0
荧光强度
10-4
10-2
100
102
104
抗体浓度(nM)
18CH-1
18CH-2C
18CH-3
18CH-4
18CH-5
18CH-7A
IgG1 AA

图 6C

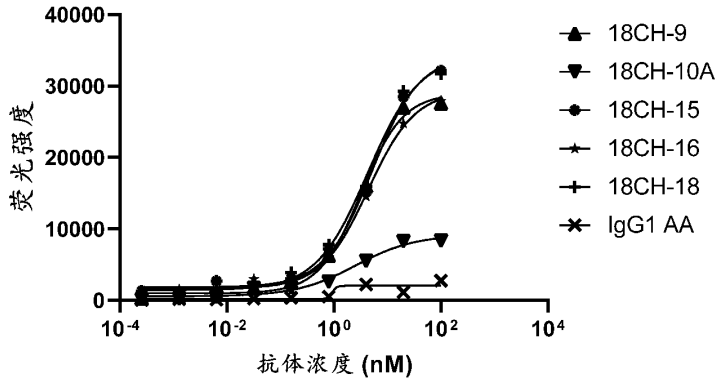

40000
30000
20000
10000
0
荧光强度
10-4
10-2
100
102
104
抗体浓度 (nM)
18CH-9
18CH-10A
18CH-15
18CH-16
18CH-18
IgG1 AA

图 6D

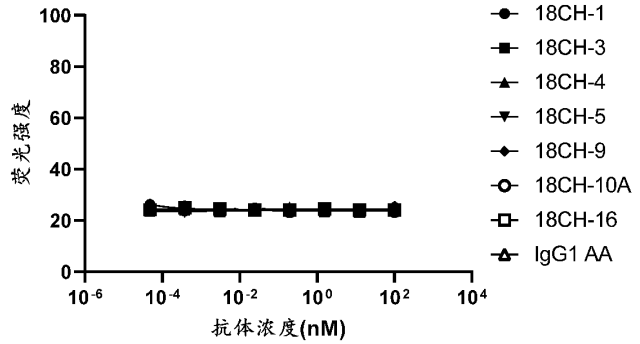

100
80
60
40
20
0
荧光强度
10-6
10-4
10-2
100
102
104
抗体浓度(nM)
18CH-1
18CH-3
18CH-4
18CH-5
18CH-9
18CH-10A
18CH-16
IgG1 AA

图 7

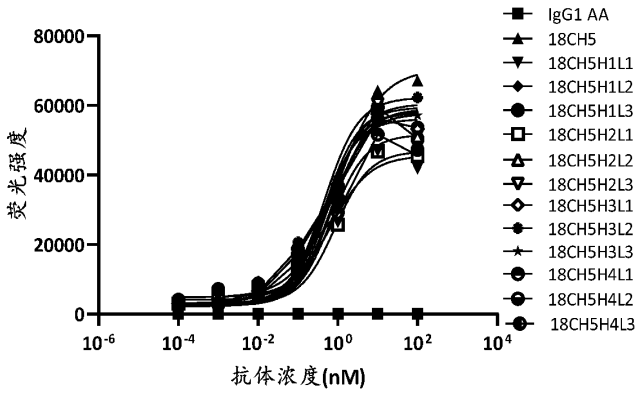

80000
60000
40000
20000
0
荧光强度
10-6
10-4
10-2
100
102
104
抗体浓度(nM)
IgG1 AA
18CH5
18CH5H1L1
18CH5H1L2
18CH5H1L3
18CH5H2L1
18CH5H2L2
18CH5H2L3
18CH5H3L1
18CH5H3L2
18CH5H3L3
18CH5H4L1
18CH5H4L2
18CH5H4L3

图 8A

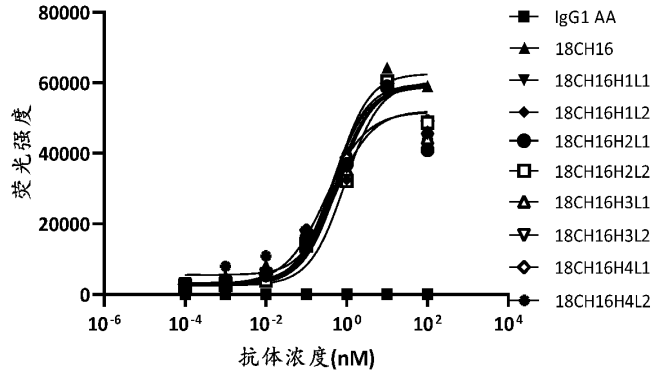

80000
60000
40000
20000
0
荧光强度
10-6
10-4
10-2
100
102
104
抗体浓度(nM)
IgG1 AA
18CH16
18CH16H1L1
18CH16H1L2
18CH16H2L1
18CH16H2L2
18CH16H3L1
18CH16H3L2
18CH16H4L1
18CH16H4L2

图 8B

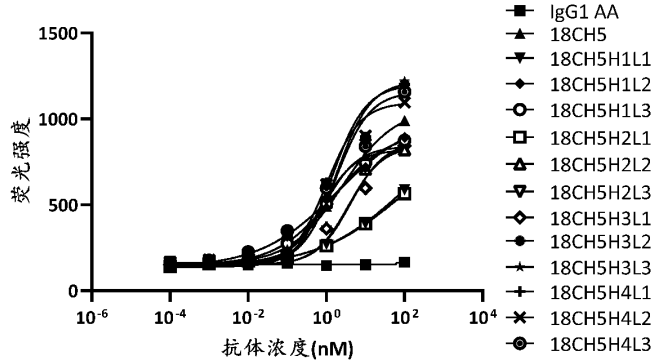

1500
1000
500
0
荧光强度
10-6
10-4
10-2
100
102
104
抗体浓度(nM)
IgG1 AA
18CH5
18CH5H1L1
18CH5H1L2
18CH5H1L3
18CH5H2L1
18CH5H2L2
18CH5H2L3
18CH5H3L1
18CH5H3L2
18CH5H3L3
18CH5H4L1
18CH5H4L2
18CH5H4L3

图 8C

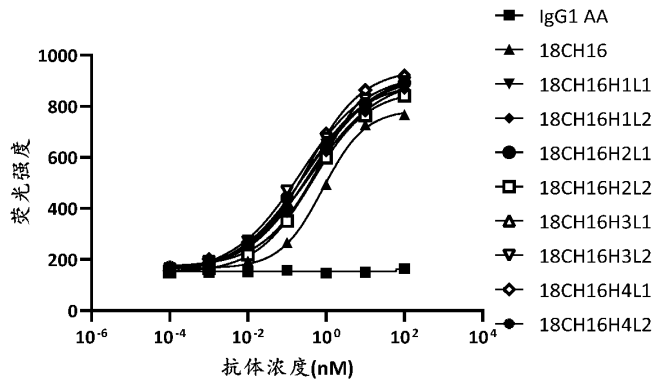

1000
800
600
400
200
0
荧光强度
10-6
10-4
10-2
100
102
104
抗体浓度(nM)
IgG1 AA
18CH16
18CH16H1L1
18CH16H1L2
18CH16H2L1
18CH16H2L2
18CH16H3L1
18CH16H3L2
18CH16H4L1
18CH16H4L2

图 8D