

Figure 1

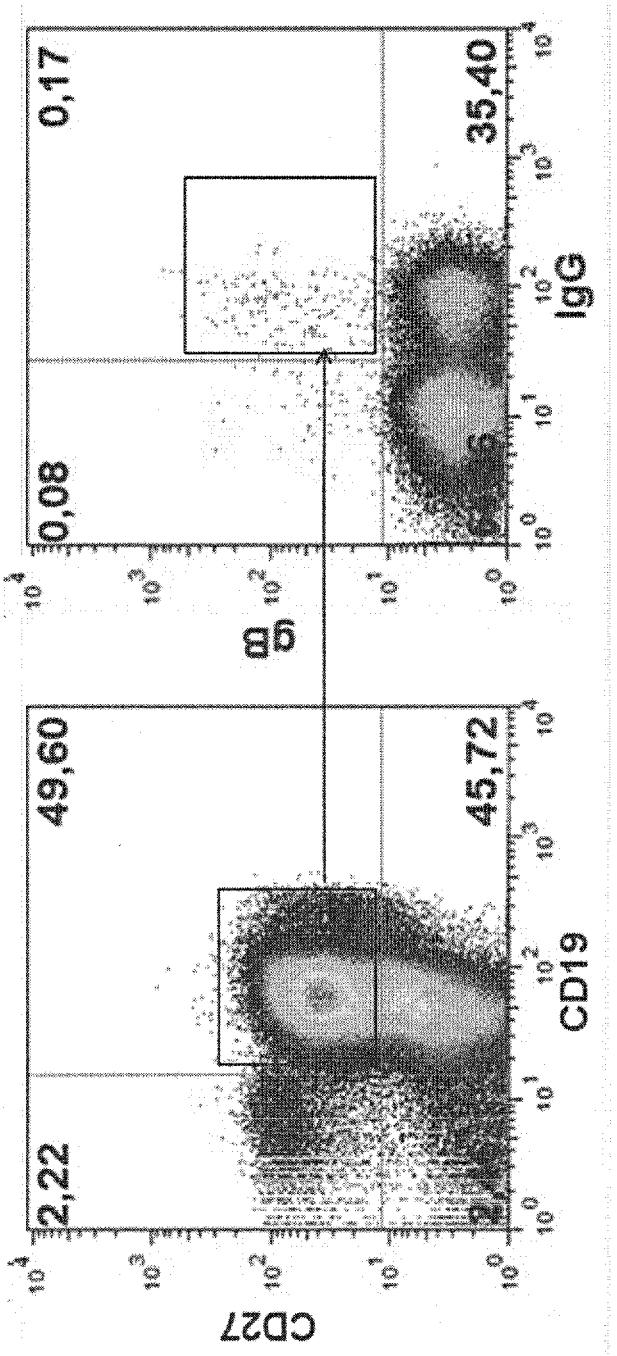


Figure 2

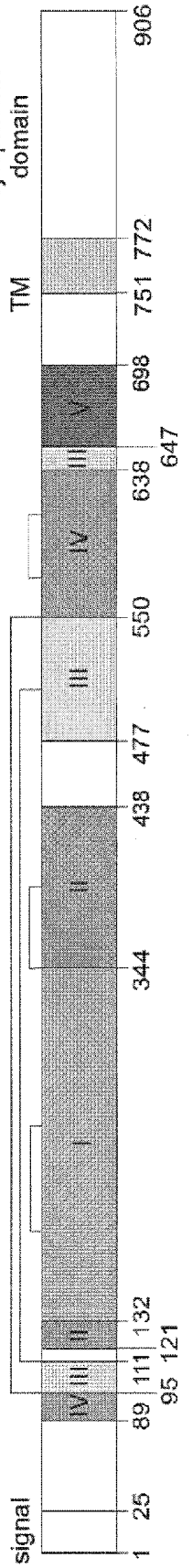


Figure 3

Figure 4a

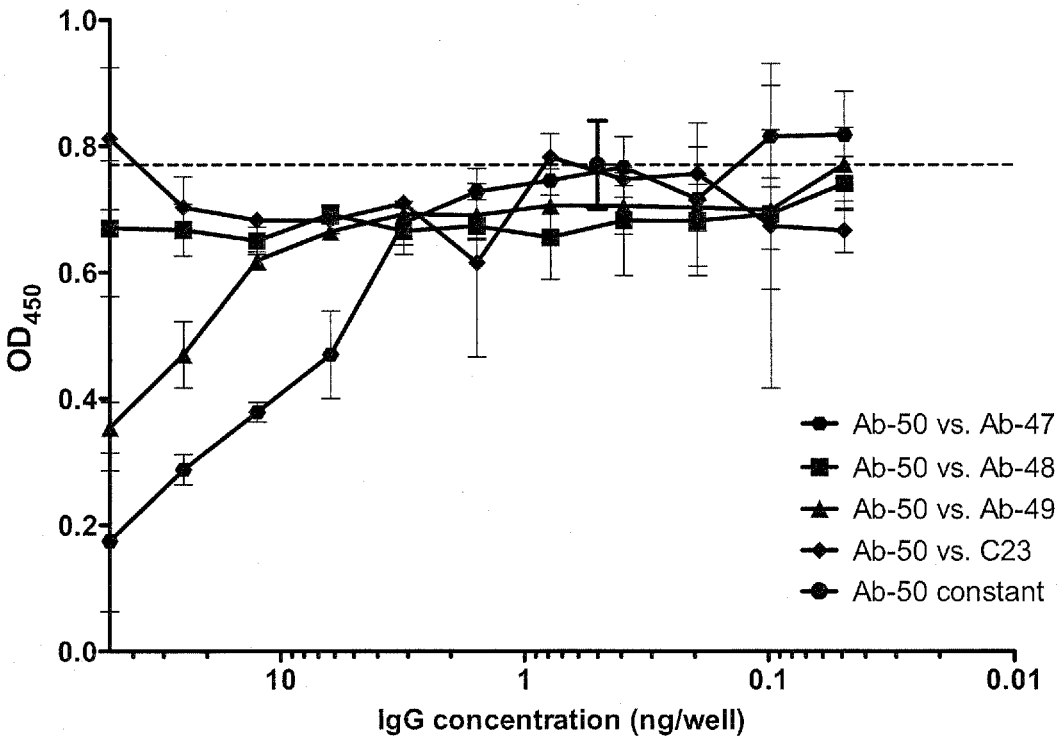
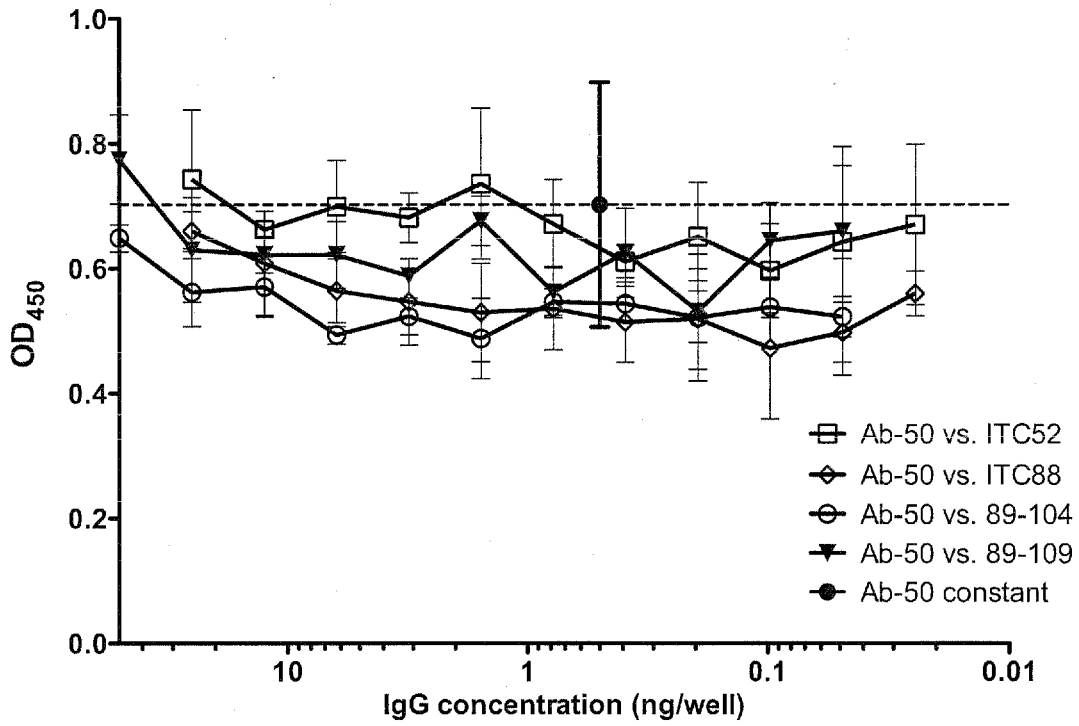


Figure 4b



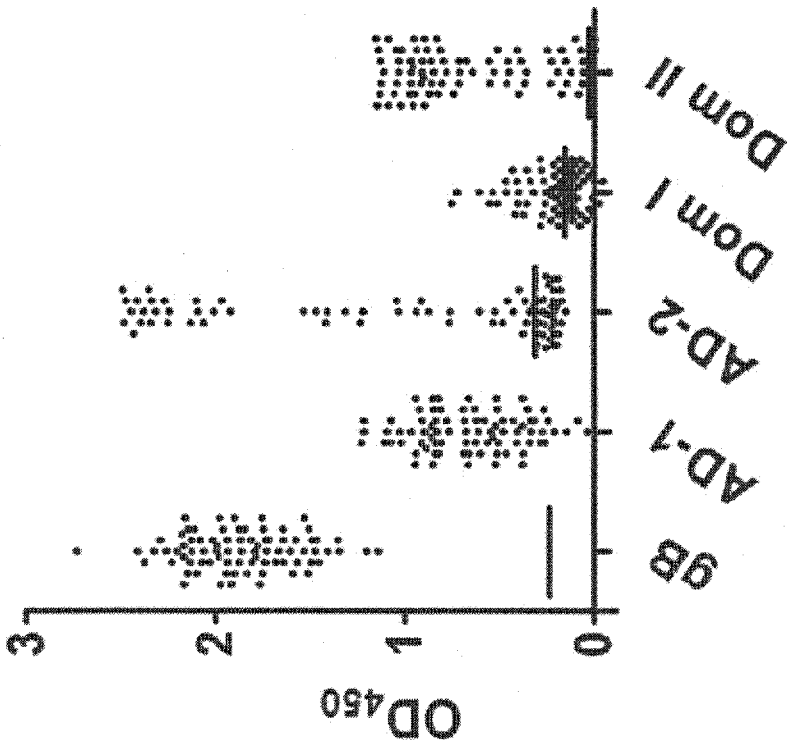


Figure 5

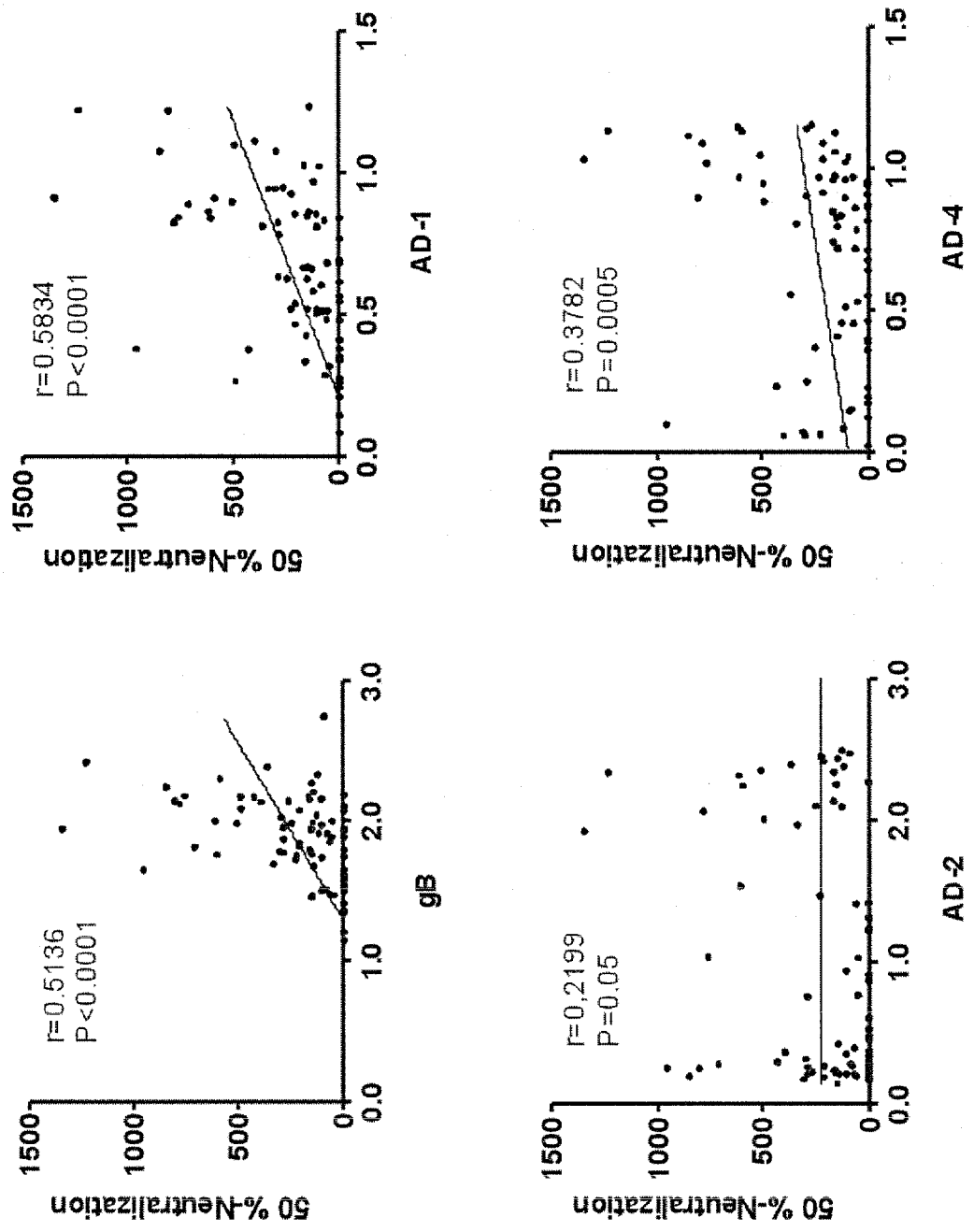

50 %-Neutralization
1500
1000
500
0
0.0
0.5
1.0
1.5
r=0.5834
P<0.0001
AD-1
50 %-Neutralization
1500
1000
500
0
0.0
0.5
1.0
1.5
r=0.3782
P=0.0005
AD-4
50 %-Neutralization
1500
1000
500
0
0.0
1.0
2.0
3.0
r=0.5136
P<0.0001
gB
50 %-Neutralization
1500
1000
500
0
0.0
1.0
2.0
3.0
r=0,2199
P=0.05
AD-2

Figure 6

Figure 7a

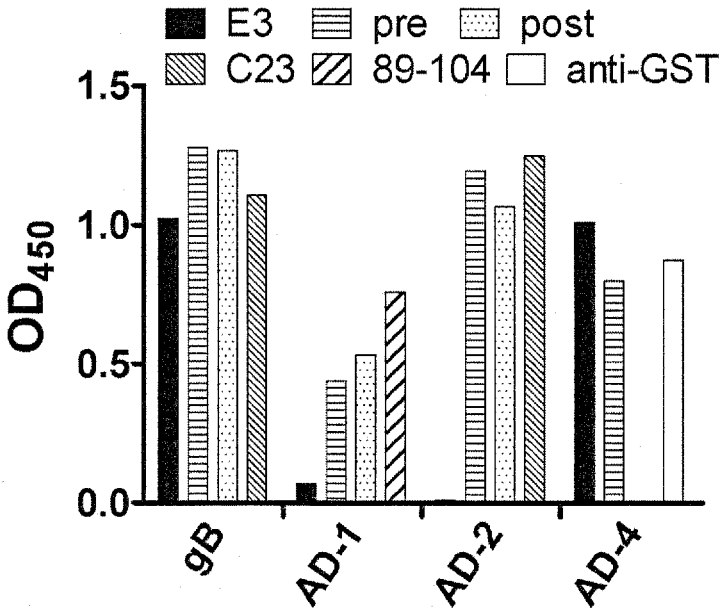


Figure 7b

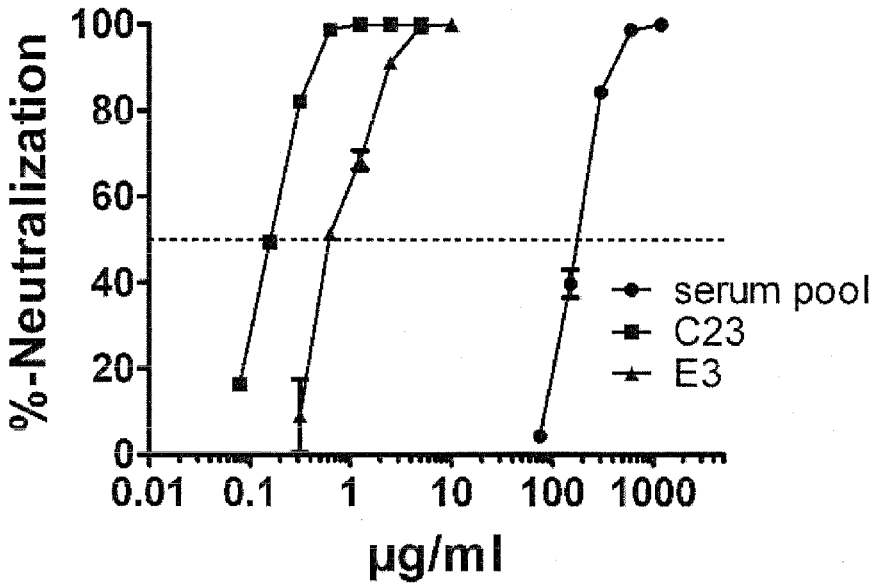


Figure 8

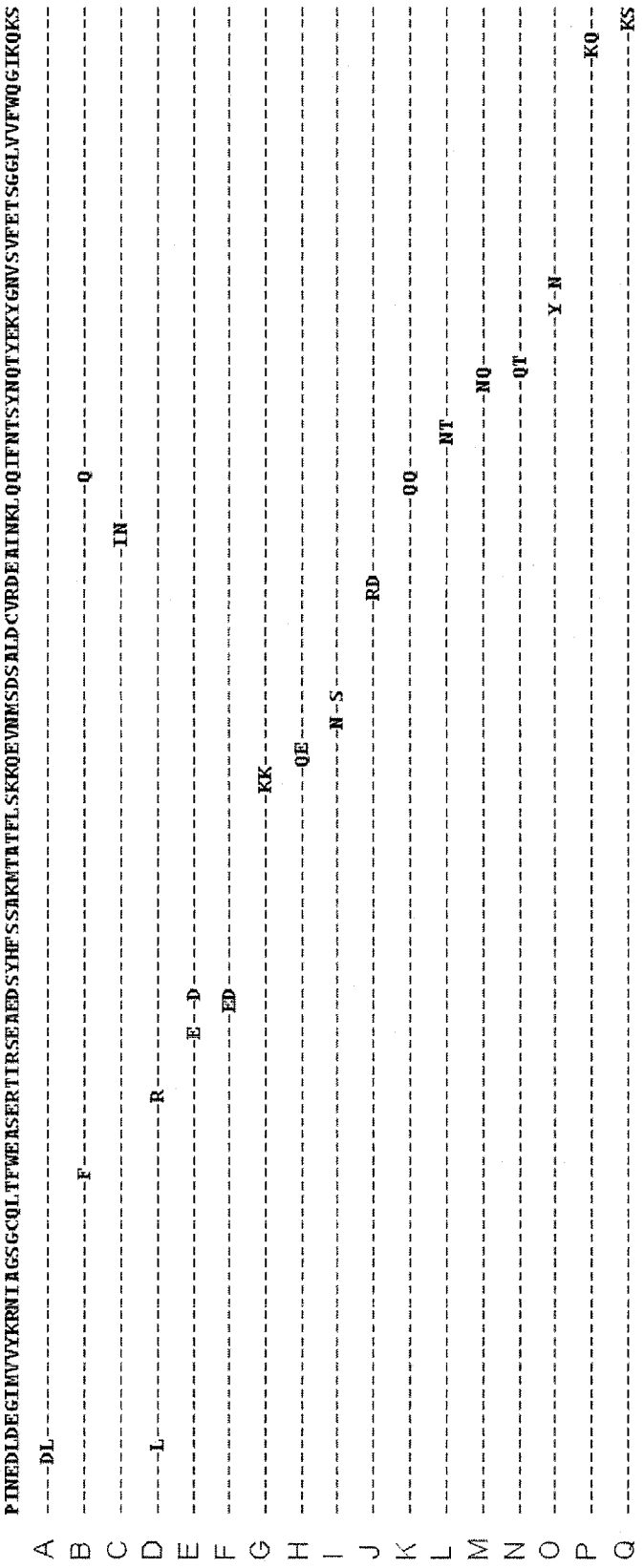

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A ----DL----
B ----F----
C ----Q----
D ----IN----
E ----L----R----
F ----E--D----
G ----ED----
H ----KK----
I ----QE----
J ----N-S----
K ----RD----
L ----QQ----
M ----NT----
N ----NQ----
O ----QT----
P ----Y-N----
Q ----KQ----
----KS----

Figure 9a

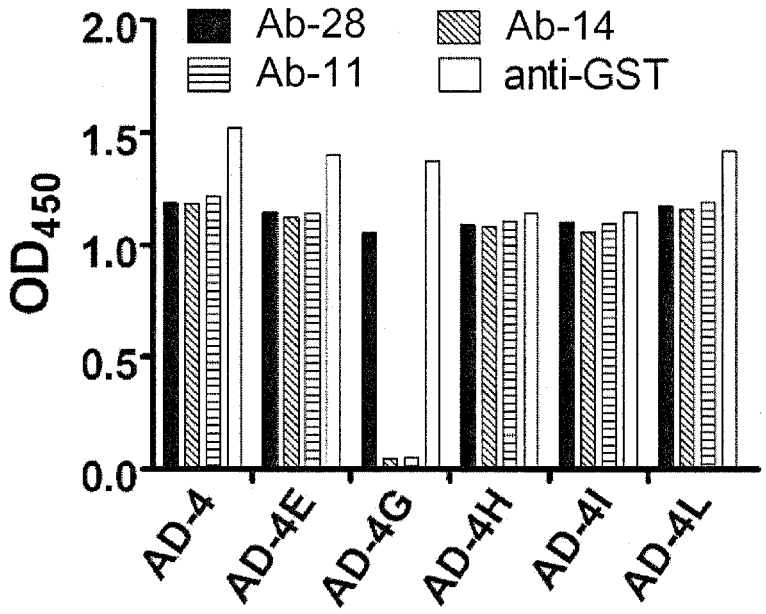


Figure 9b

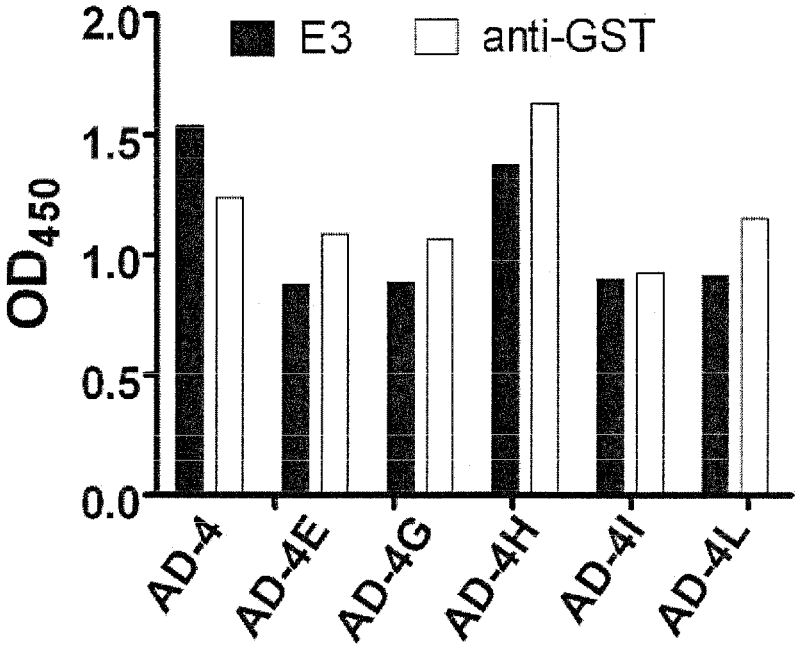


Figure 10

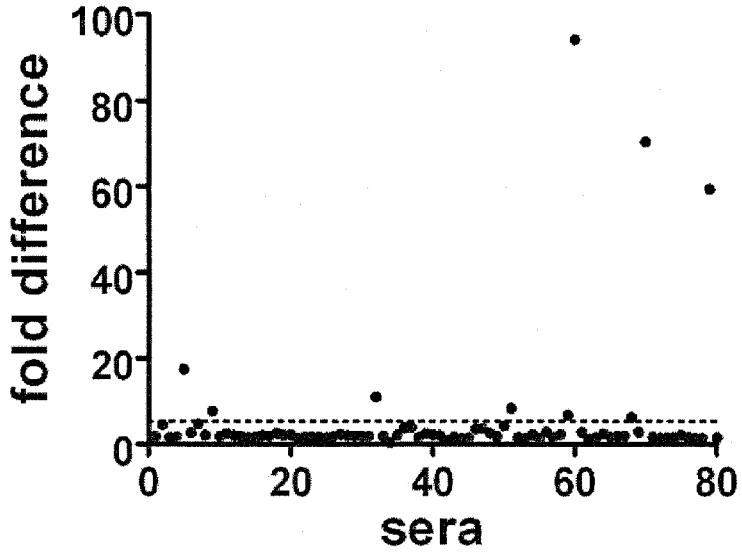
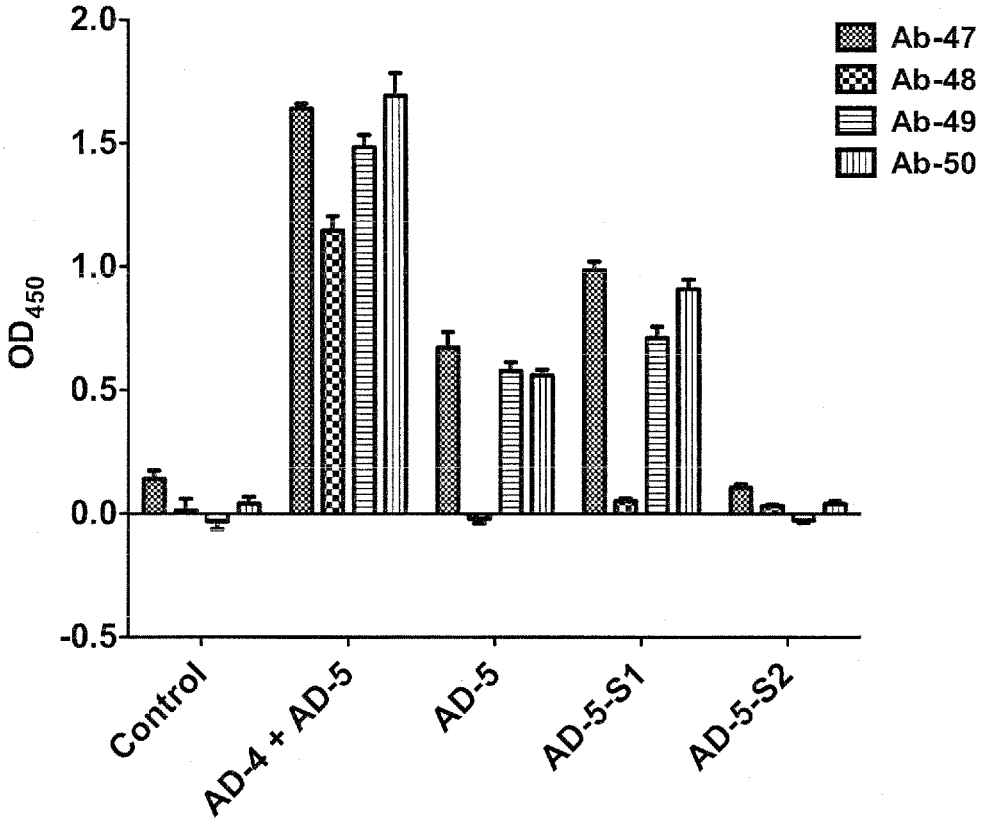


Figure 11



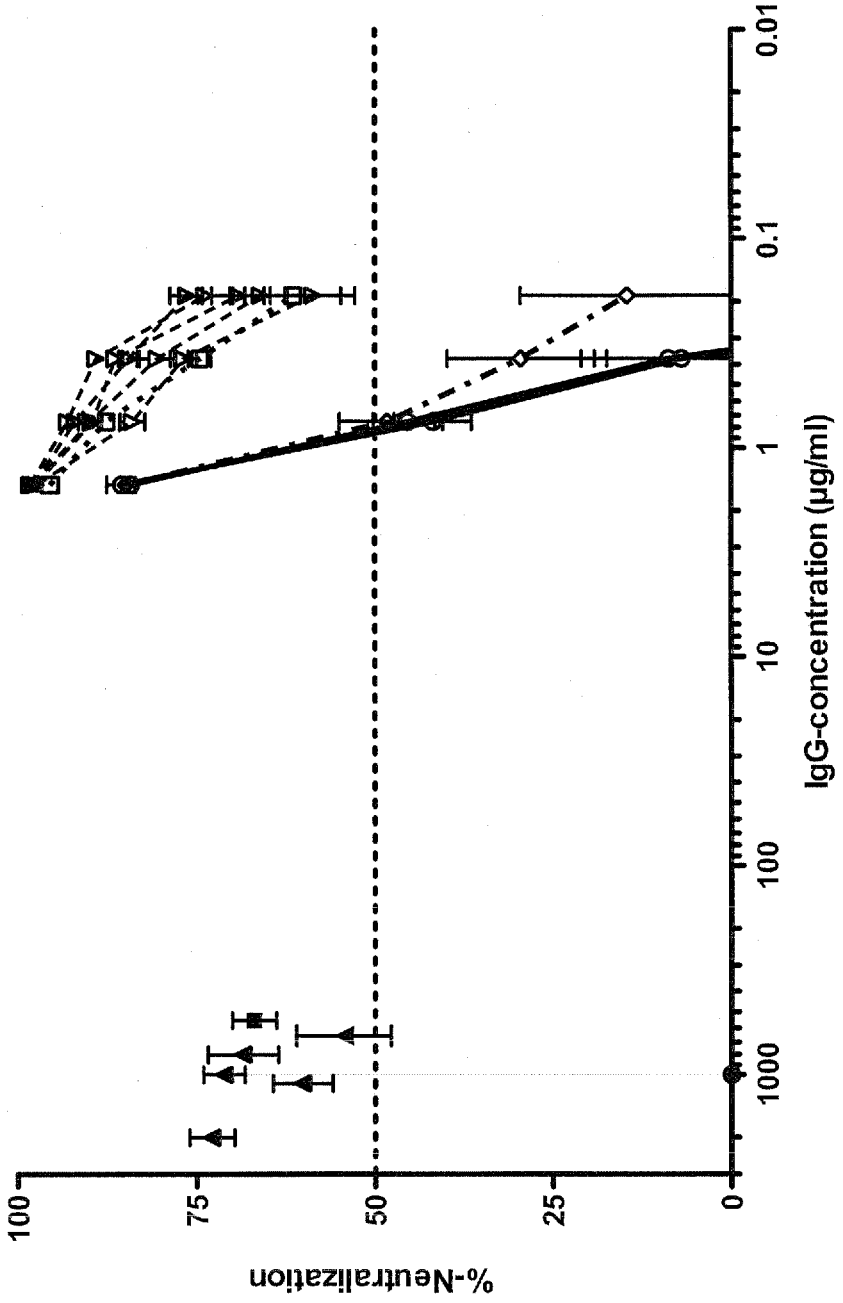

%-Neutralization
100
75
50
25
0
0.01
0.1
1
10
100
1000
IgG-concentration (µg/ml)

Figure 12

Figure 13

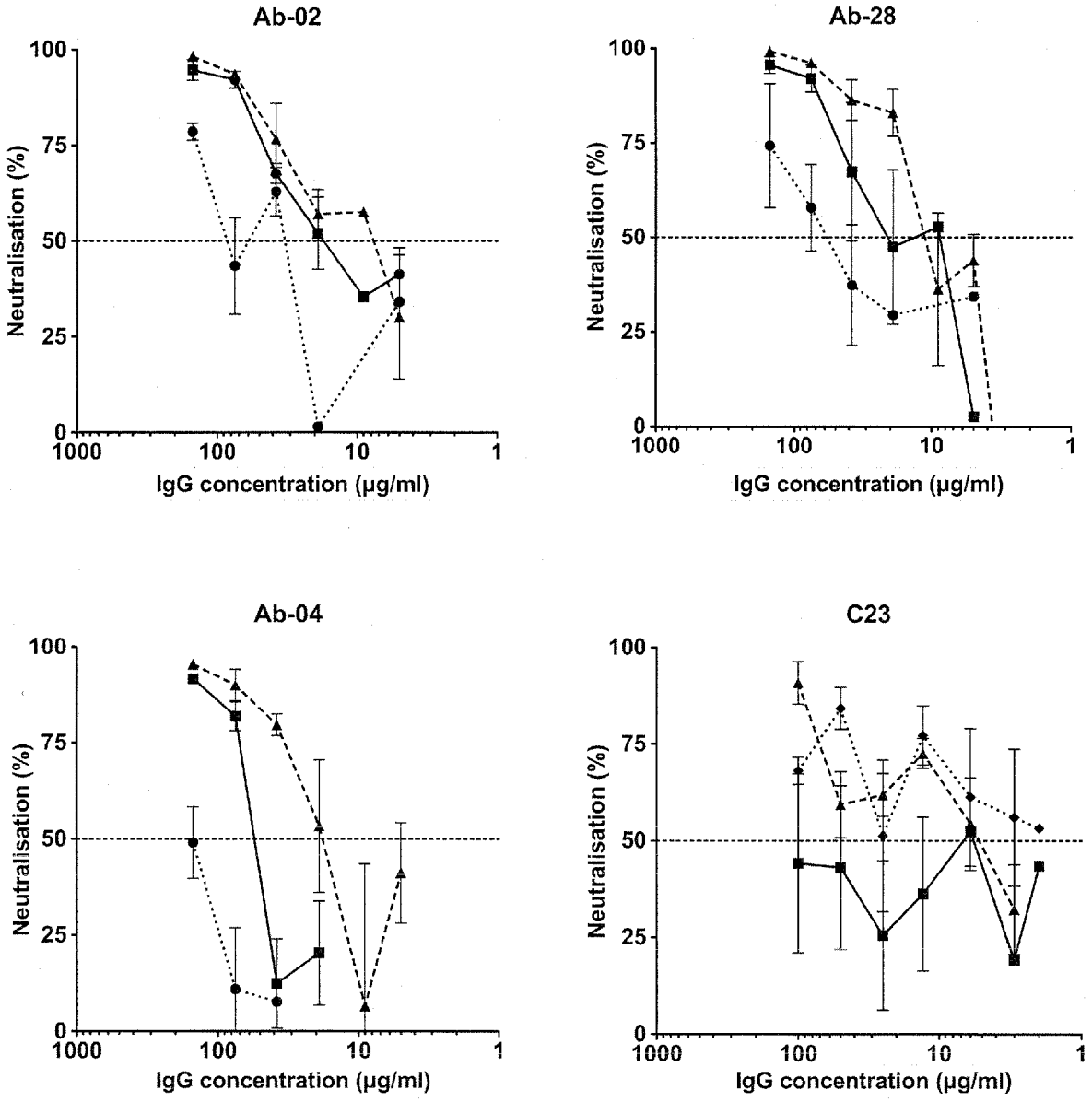
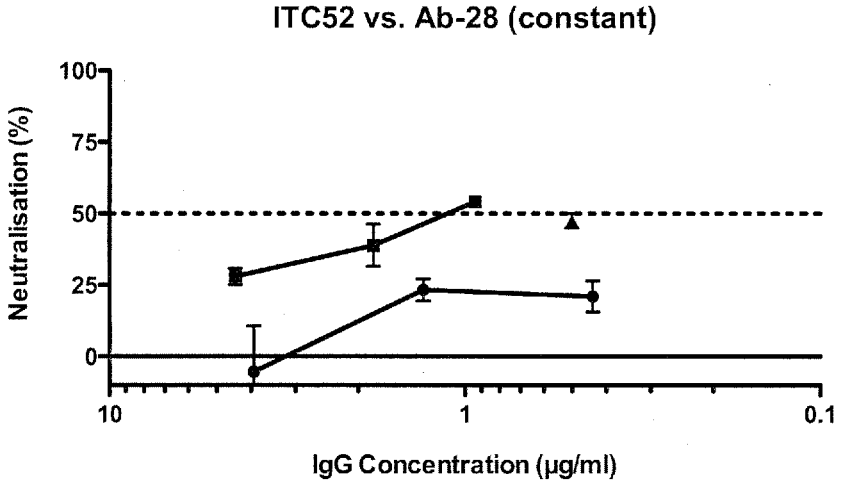
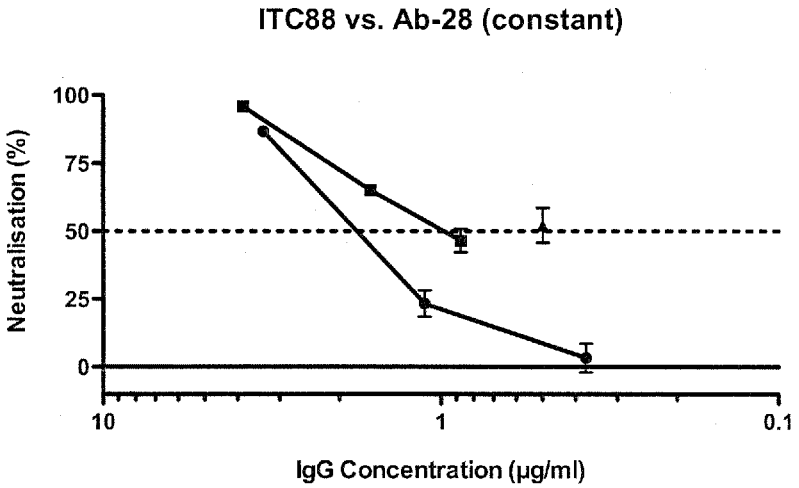

Ab-02
Ab-28
Ab-04
C23
Neutralisation (%)
IgG concentration (µg/ml)
100
75
50
25
0
1000
100
10
1

Figure 14


ITC52 vs. Ab-28 (constant)
Neutralisation (%)
100
75
50
25
0
10
1
0.1
IgG Concentration (µg/ml)


ITC88 vs. Ab-28 (constant)
Neutralisation (%)
100
75
50
25
0
10
1
0.1
IgG Concentration (µg/ml)

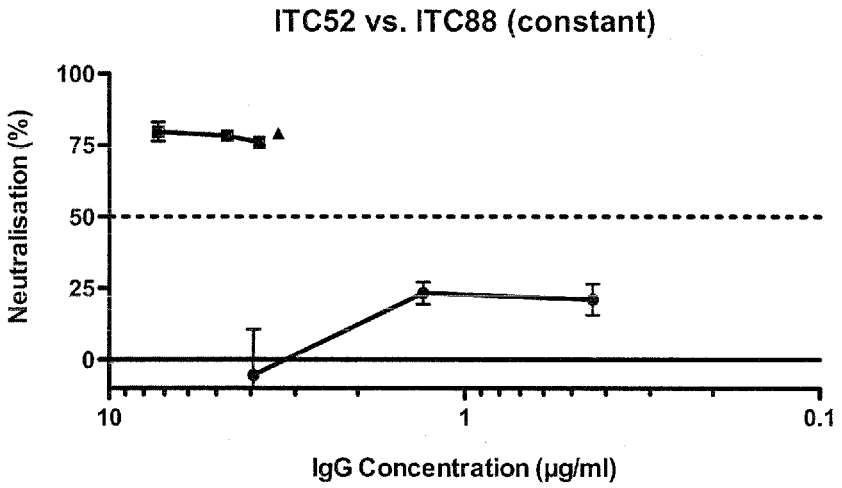
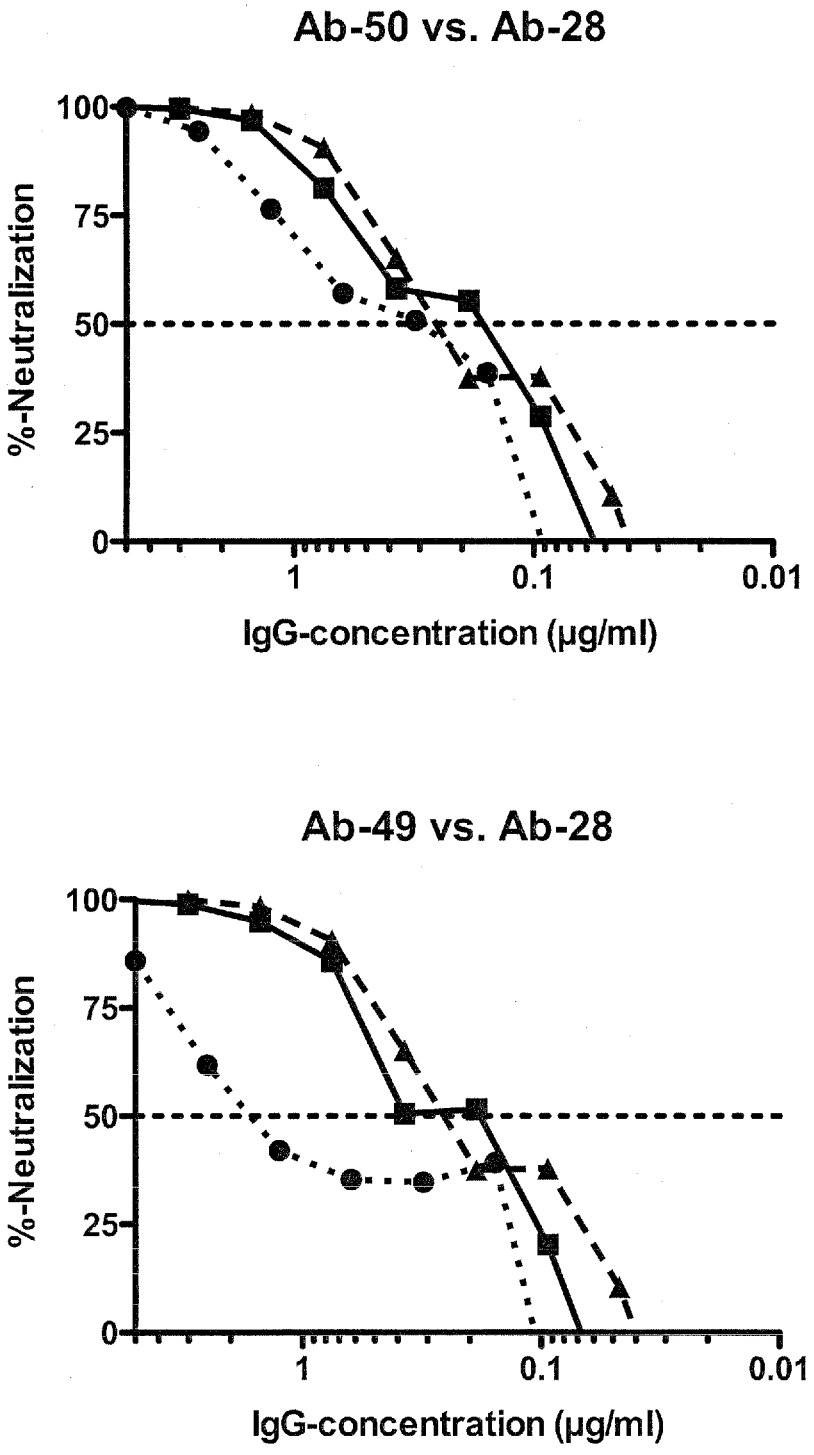

ITC52 vs. ITC88 (constant)
Neutralisation (%)
100
75
50
25
0
10
1
0.1
IgG Concentration (µg/ml)

Figure 15


Ab-50 vs. Ab-28
100
75
50
25
0
%-Neutralization
1
0.1
0.01
IgG-concentration (µg/ml)
Ab-49 vs. Ab-28
100
75
50
25
0
%-Neutralization
1
0.1
0.01
IgG-concentration (µg/ml)