FIG. 1

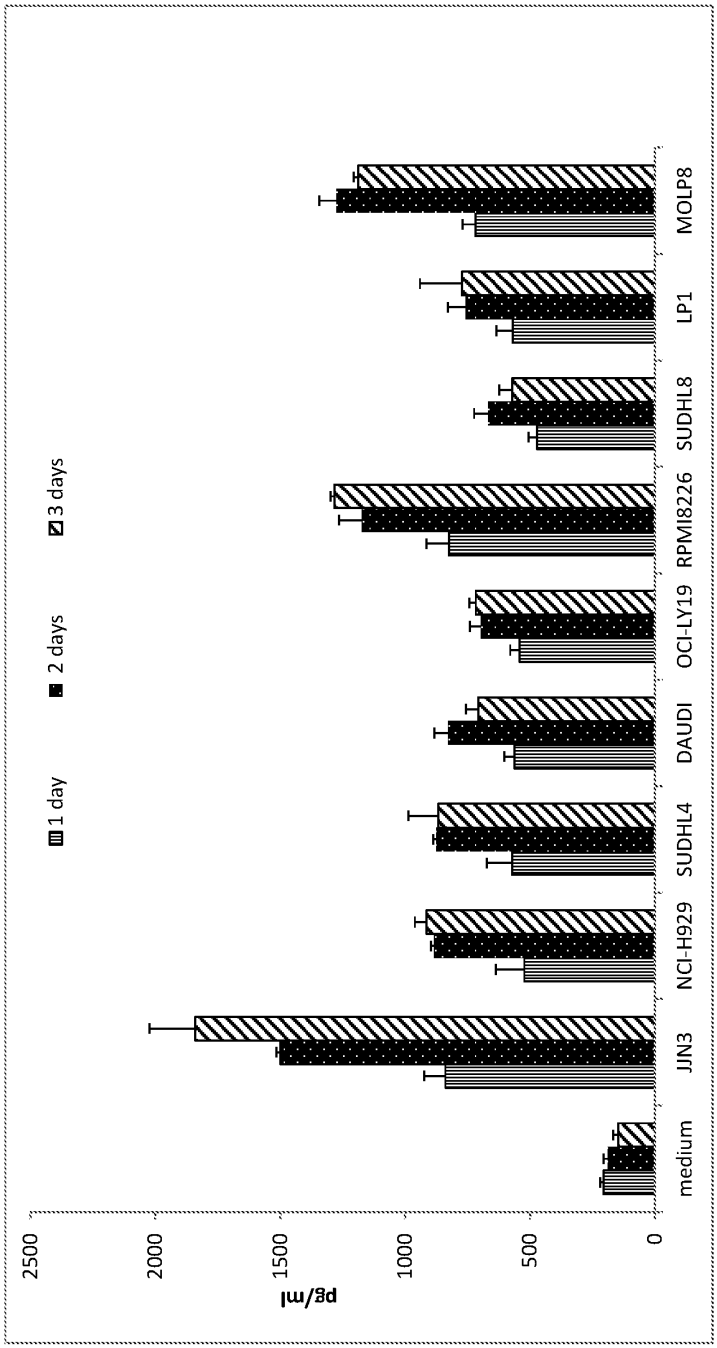

pg/ml
2500
2000
1500
1000
500
0
1 day
2 days
3 days
medium
JJN3
NCI-H929
SUDHL4
DAUDI
OCI-LY19
RPMI8226
SUDHL8
LP1
MOLP8

FIG. 2

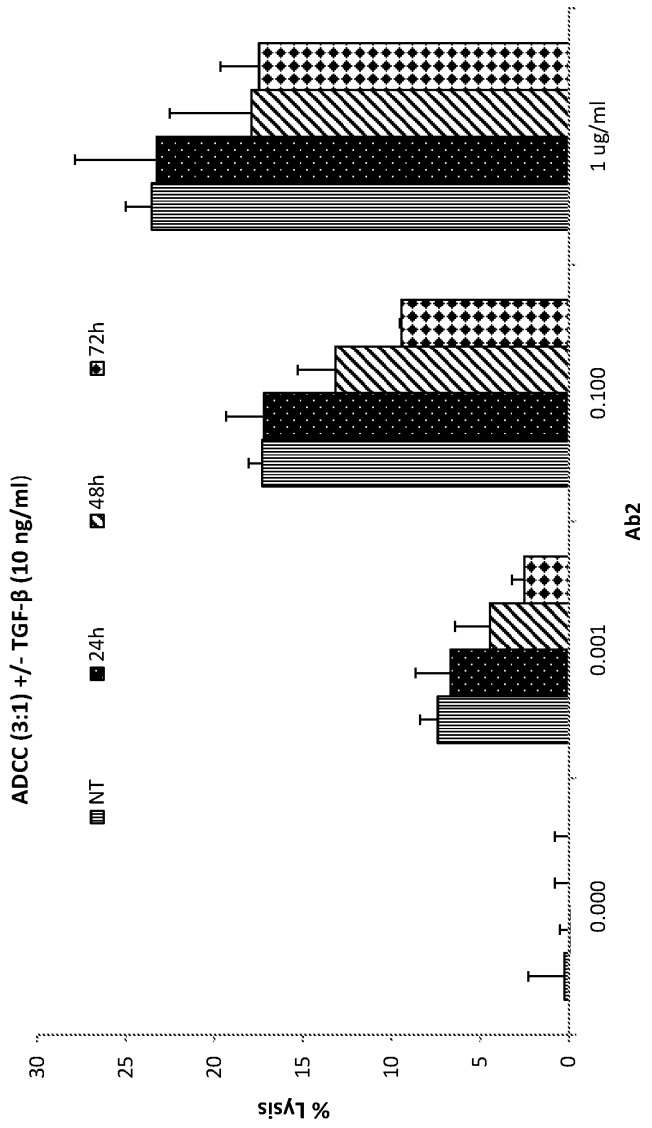

ADCC (3:1) +/- TGF-β (10 ng/ml)
NT
24h
48h
72h
% Lysis
0
5
10
15
20
25
30
0.000
0.001
0.100
1 ug/ml
Ab2

FIG. 3

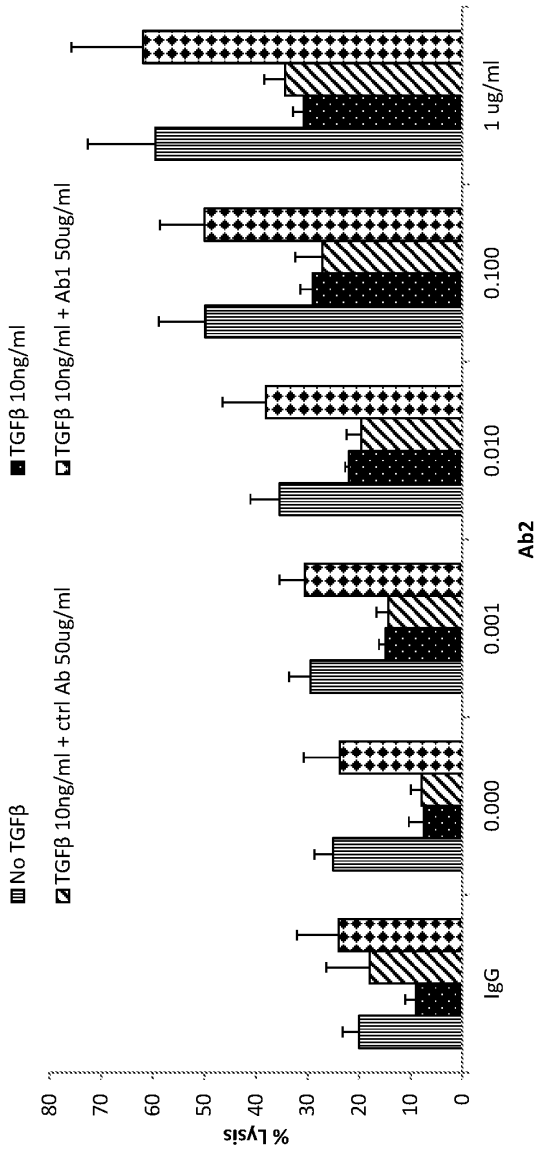

No TGFβ
TGFβ 10ng/ml
TGFβ 10ng/ml + ctrl Ab 50ug/ml
TGFβ 10ng/ml + Ab1 50ug/ml
% Lysis
0
10
20
30
40
50
60
70
80
IgG
0.000
0.001
0.010
0.100
1 ug/ml
Ab2

FIG. 4

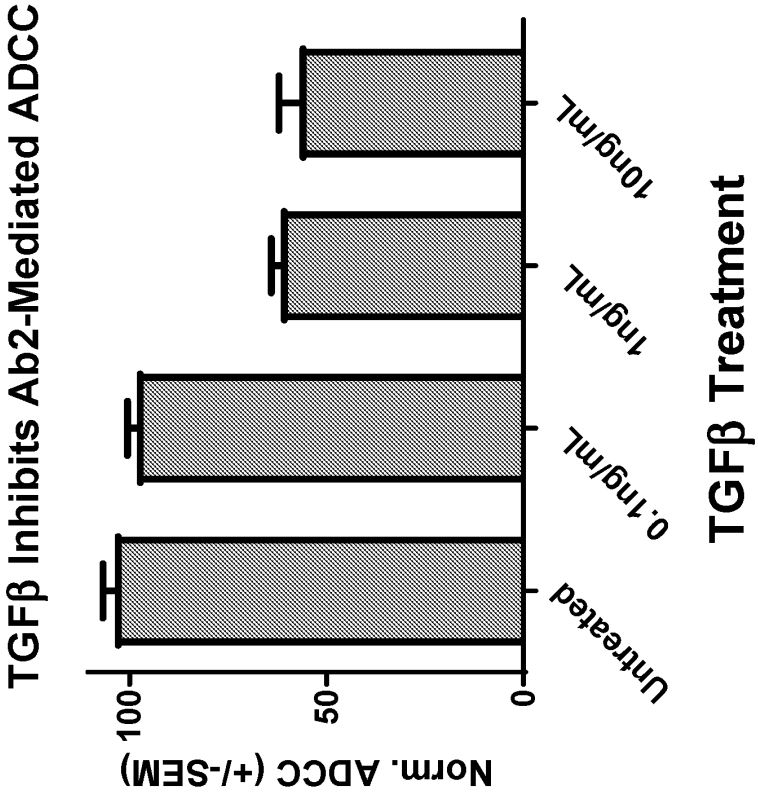

TGFβ Inhibits Ab2-Mediated ADCC
Norm. ADCC (+/-SEM)
100
50
0
Untreated
0.1ng/mL
1ng/mL
10ng/mL
TGFβ Treatment

FIG. 5

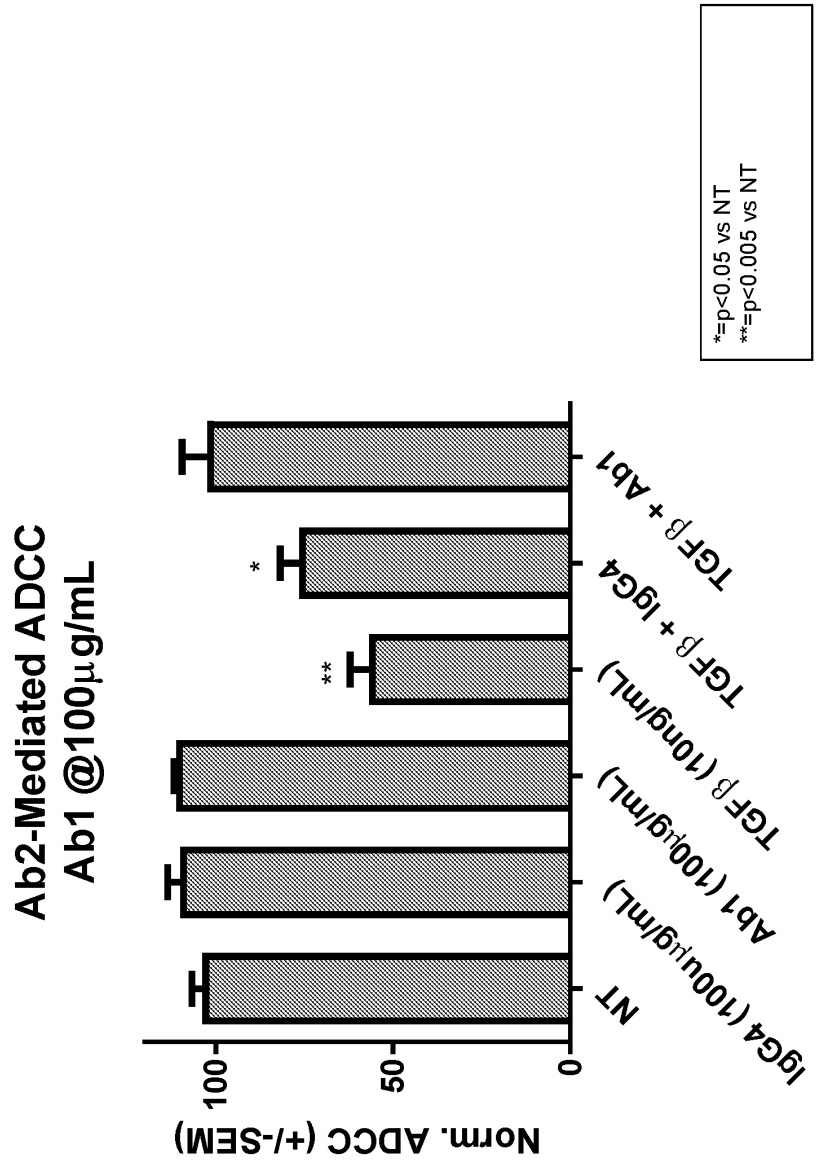

Ab2-Mediated ADCC
Ab1 @100μg/mL
Norm. ADCC (+/-SEM)
100
50
0
NT
IgG4 (100μg/mL)
Ab1 (100μg/mL)
TGFβ (10ng/mL)
TGFβ + IgG4
TGFβ + Ab1
*
**
*=p<0.05 vs NT
**=p<0.005 vs NT

FIG. 6

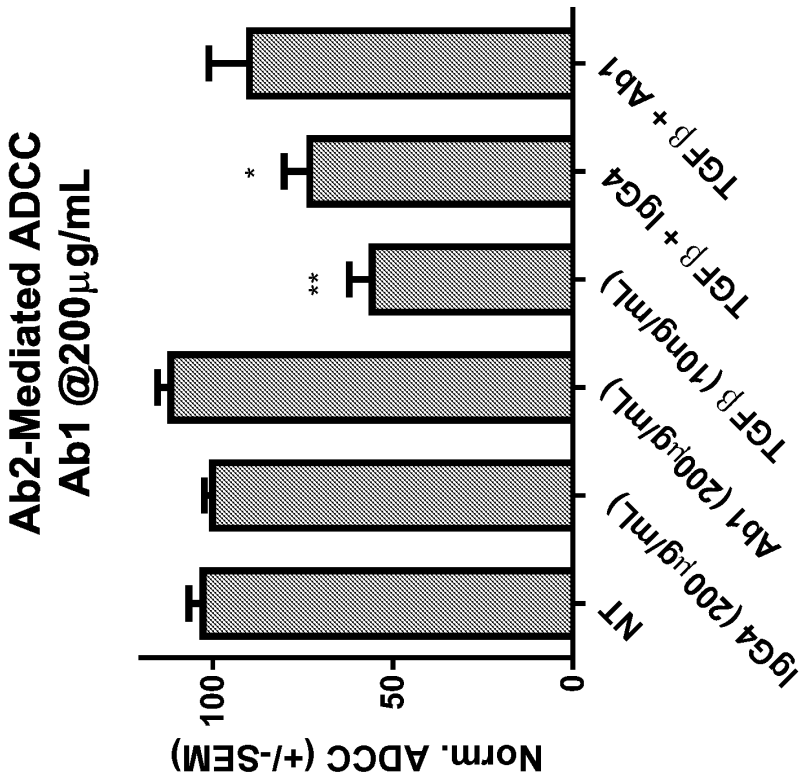

Ab2-Mediated ADCC
Ab1 @200μg/mL
Norm. ADCC (+/-SEM)
100
50
0
NT
IgG4 (200μg/mL)
Ab1 (200μg/mL)
TGFβ (10ng/mL)
TGFβ + IgG4
TGFβ + Ab1
*
**

FIG. 7

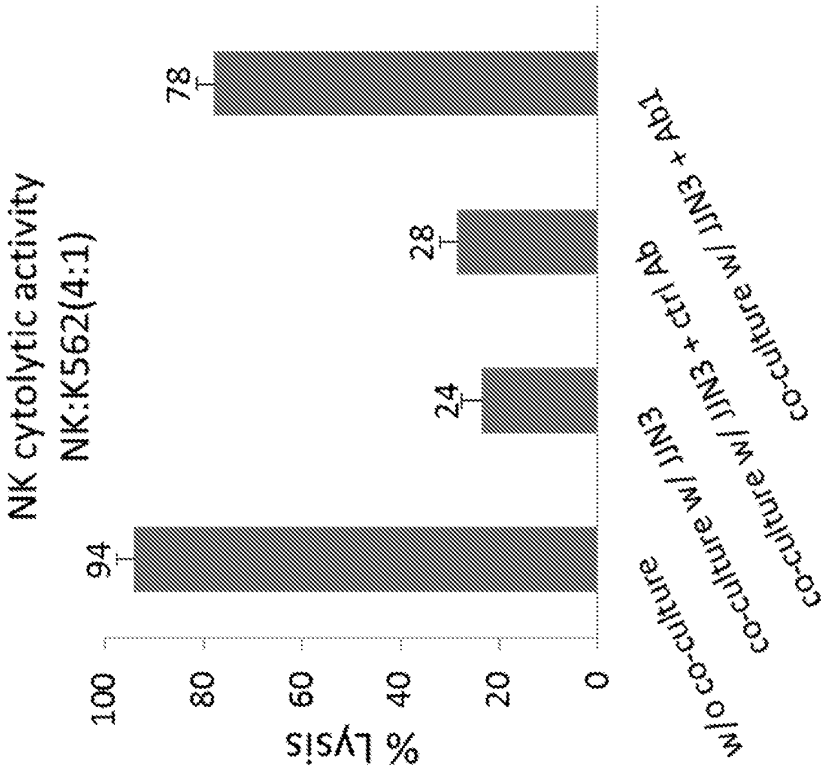
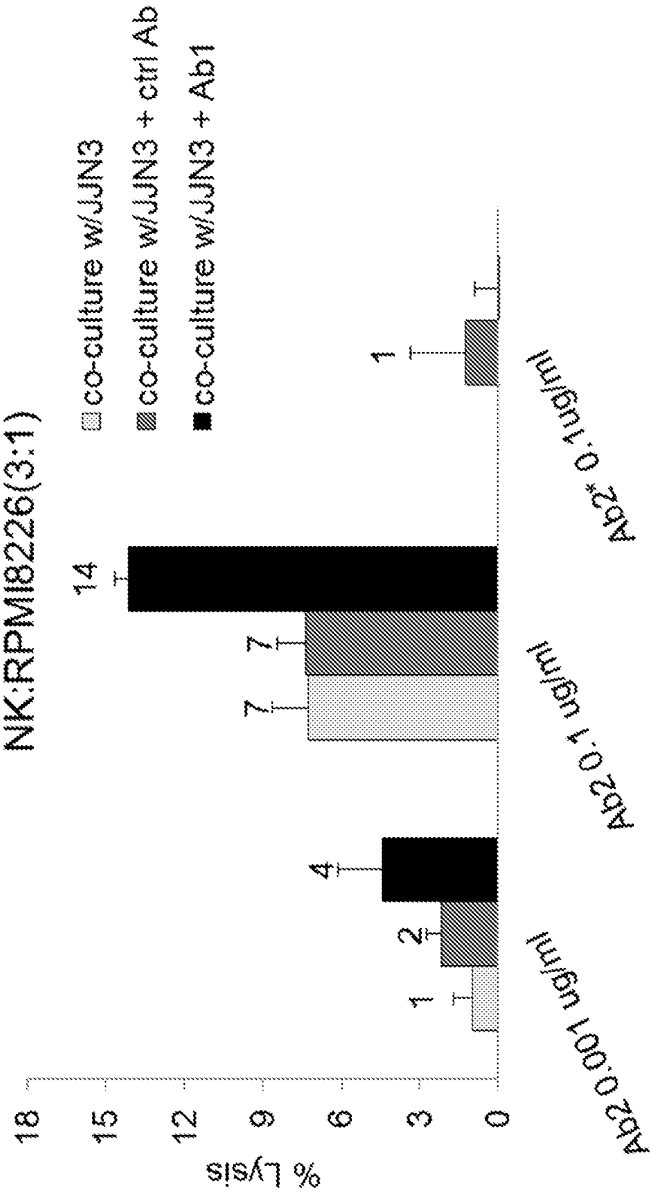

NK cytolytic activity
NK:K562(4:1)
% Lysis
100
80
60
40
20
0
94
24
28
78
w/o co-culture
co-culture w/ JJN3
co-culture w/ JJN3 + Ctrl Ab
co-culture w/ JJN3 + Ab1

FIG. 8


ADCC
NK:RPMI8226(3:1)
co-culture w/JJN3
co-culture w/JJN3 + ctrl Ab
co-culture w/JJN3 + Ab1
% Lysis
0
3
6
9
12
15
18
1
2
4
7
7
14
1
Ab2 0.001 ug/ml
Ab2 0.1 ug/ml
Ab2* 0.1ug/ml