

FIGURE 1

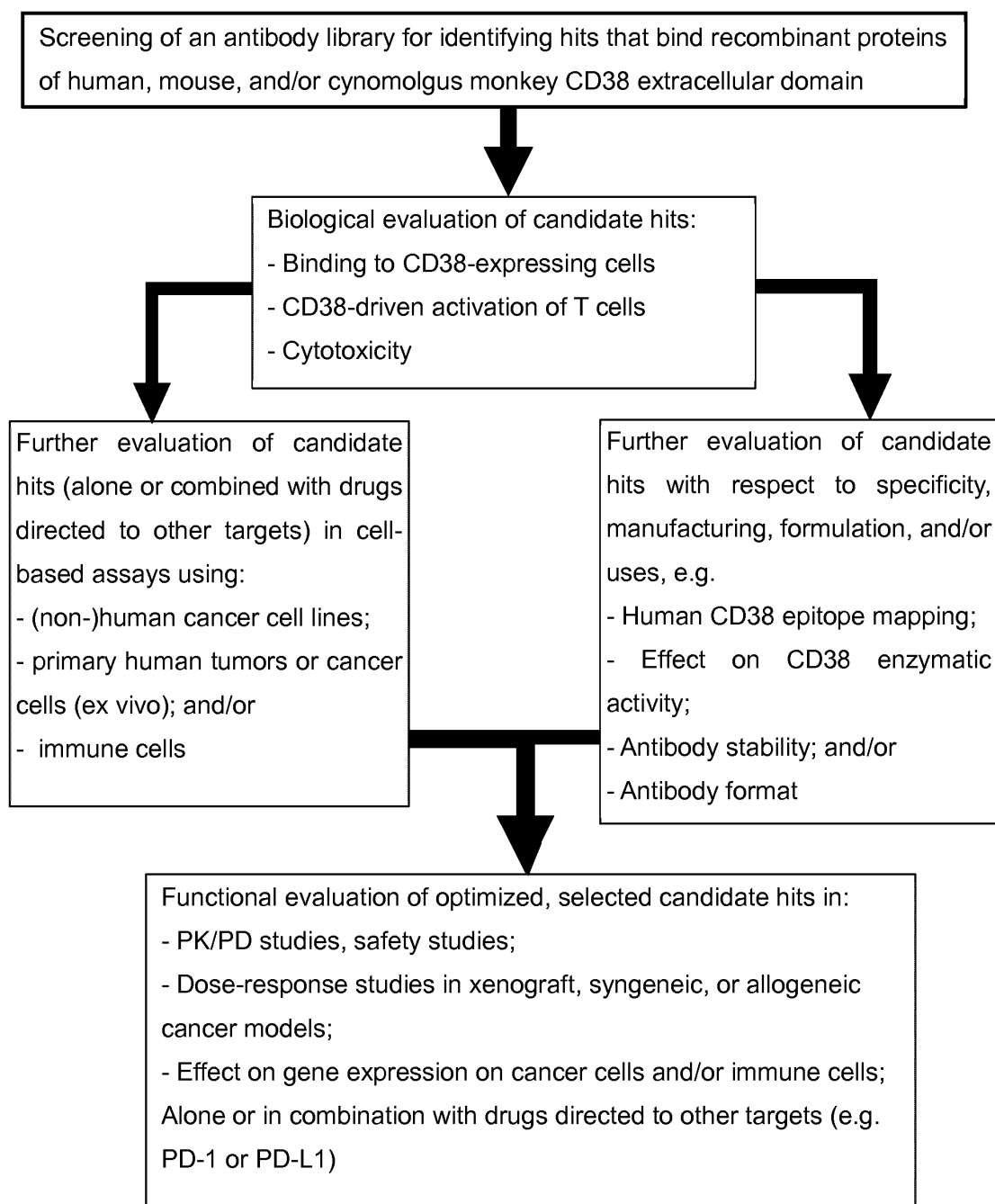


FIGURE 2

A)

CD38-b-348-HCDR1 **aCD38-b-348-HCDR2** **aCD38-b-348-HCDR3**
 GSISSSDYYWG SIYYSGSTYYNPSLKS ARGQYSSGWYAYPFDM
aCD38-b-348-HCDR123
GSISSSDYYWGWIRQPPGKGLEWIGSIYYSGSTYYNPSLKS
RVTISVDTSKNQFSLK
LSSVTAADTAVYYCARGQYSSGWYAYPFDM

aCD38-b-348-LCDR1 **aCD38-b-348-LCDR2** **aCD38-b-348-LCDR3**
 RASQSVRSSYLA GASSRAT QQDGNVYT
aCD38-b-348-LCDR123
RASQSVRSSYLAWYQQKPGQAPRLLIYGASSRAT
GIPDRFSGSGSGTDFTLTISRL
EPEDFAVYYCQQDGNVYT

B)

Cytoplasmatic		Transmembrane		
10	20	30	40	50
MANCEFSPVS	GDKPCCRLSR	RAQLCLGVSI	LVLILVVVLA	VVWPRWRQQW
60	70	80	90	100
SGPGTTKRFP	ETVIA	ARCVKY	TEIHPEMRHV	DCQSVWDAFK GAFISKHPCN
110	120	130	140	150
ITEEDYQPLM	KLGTQTVPCN	KILLWSRIKD	LAHQFTQVQR	DMFTLEDTL
160	170	180	190	200
GYLADDLTWC	GEFNTSKINY	QSCPDWRKDC	SNNPVSVEFWK	TVSRRFAEAA
210	220	230	240	250
CDVVHVMLNG	SRSKIFDKNS	TFGSVEVHNL	QPEKVQTL	EA WVIHGGREDS
260	270	280	290	300
RDLCQDPTIK	ELESII	SKRN IQFSCKNIYR	PDKFLQCVKN	PEDSSCTSEI

FIGURE 3

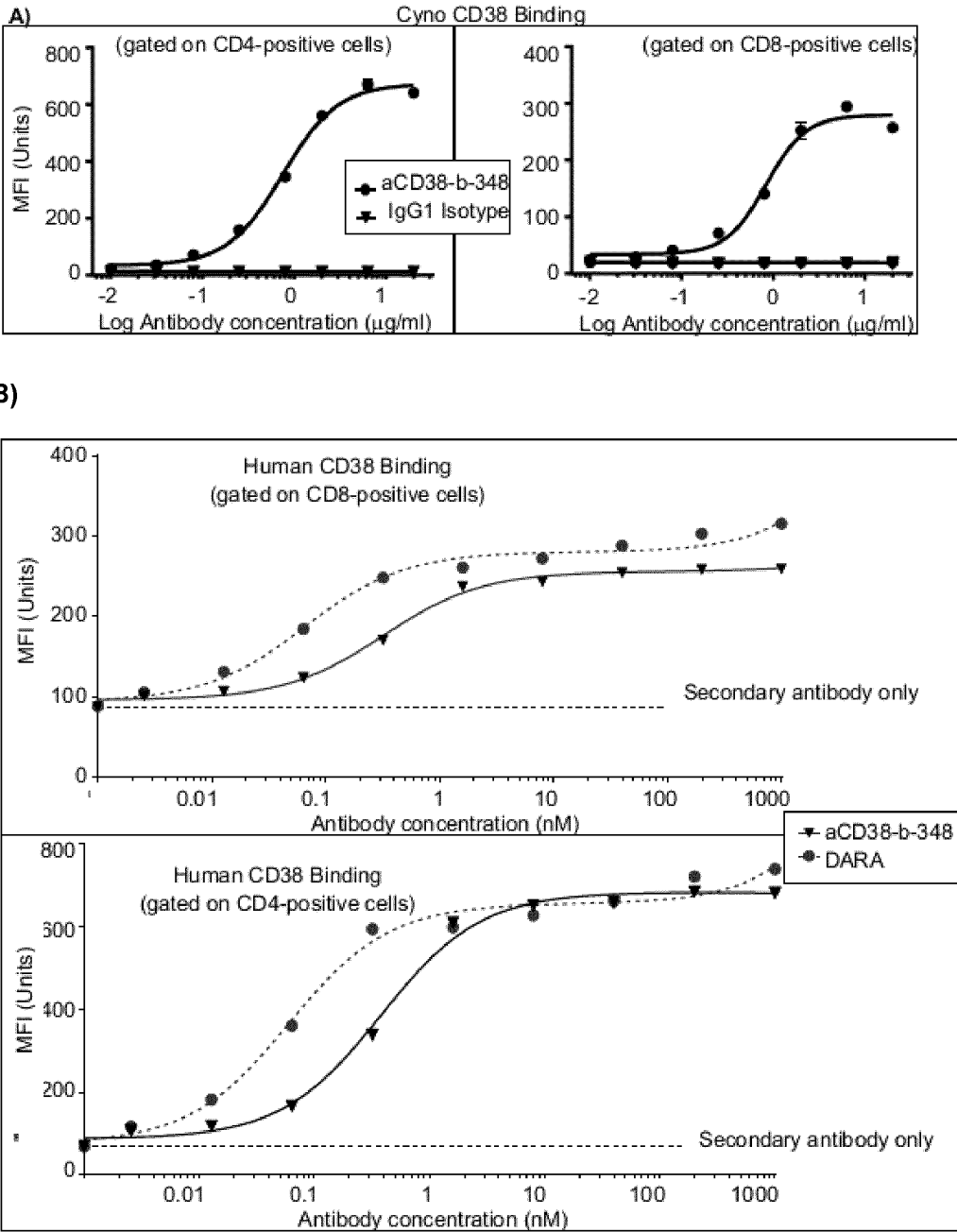


FIGURE 4

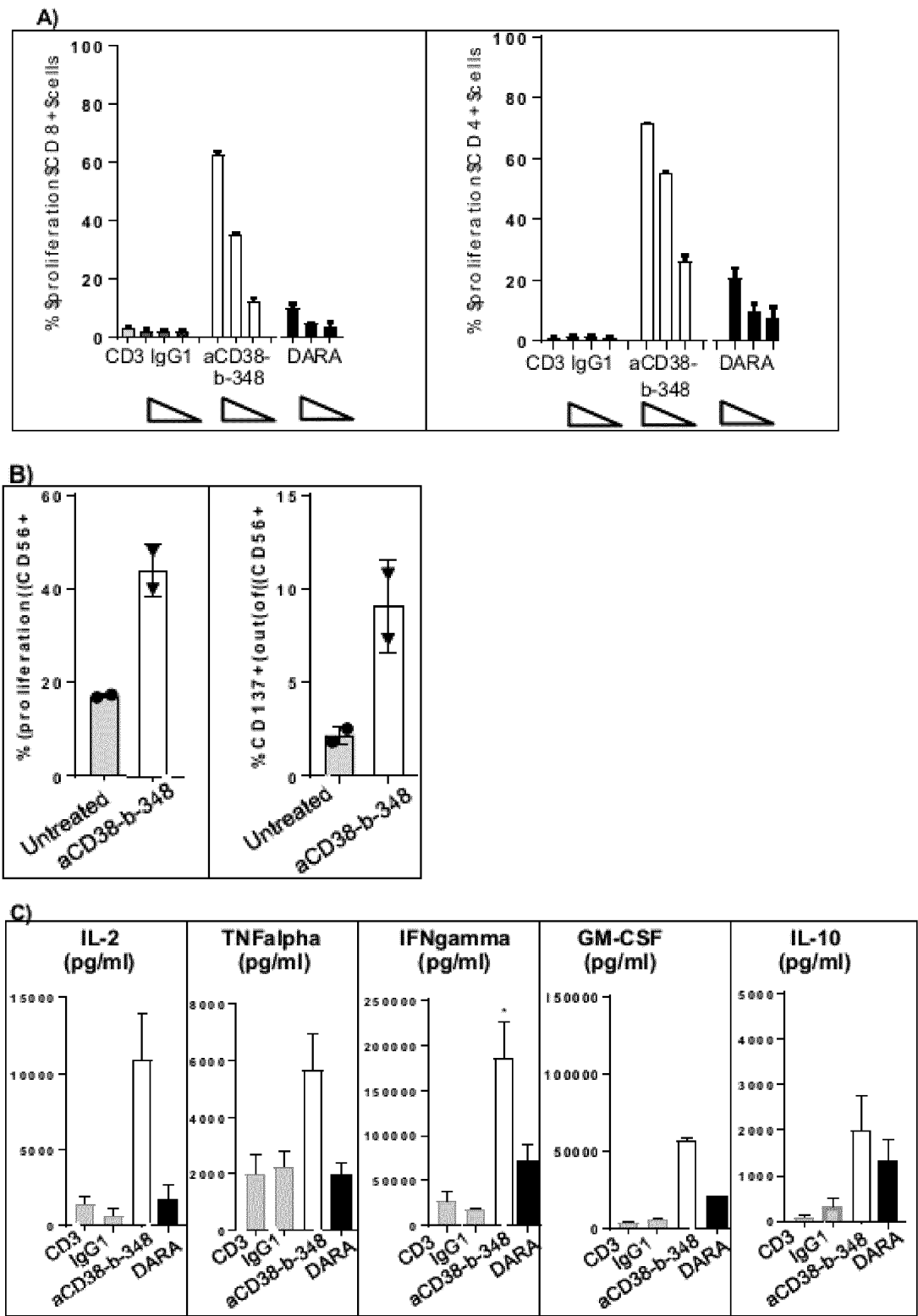


FIGURE 5

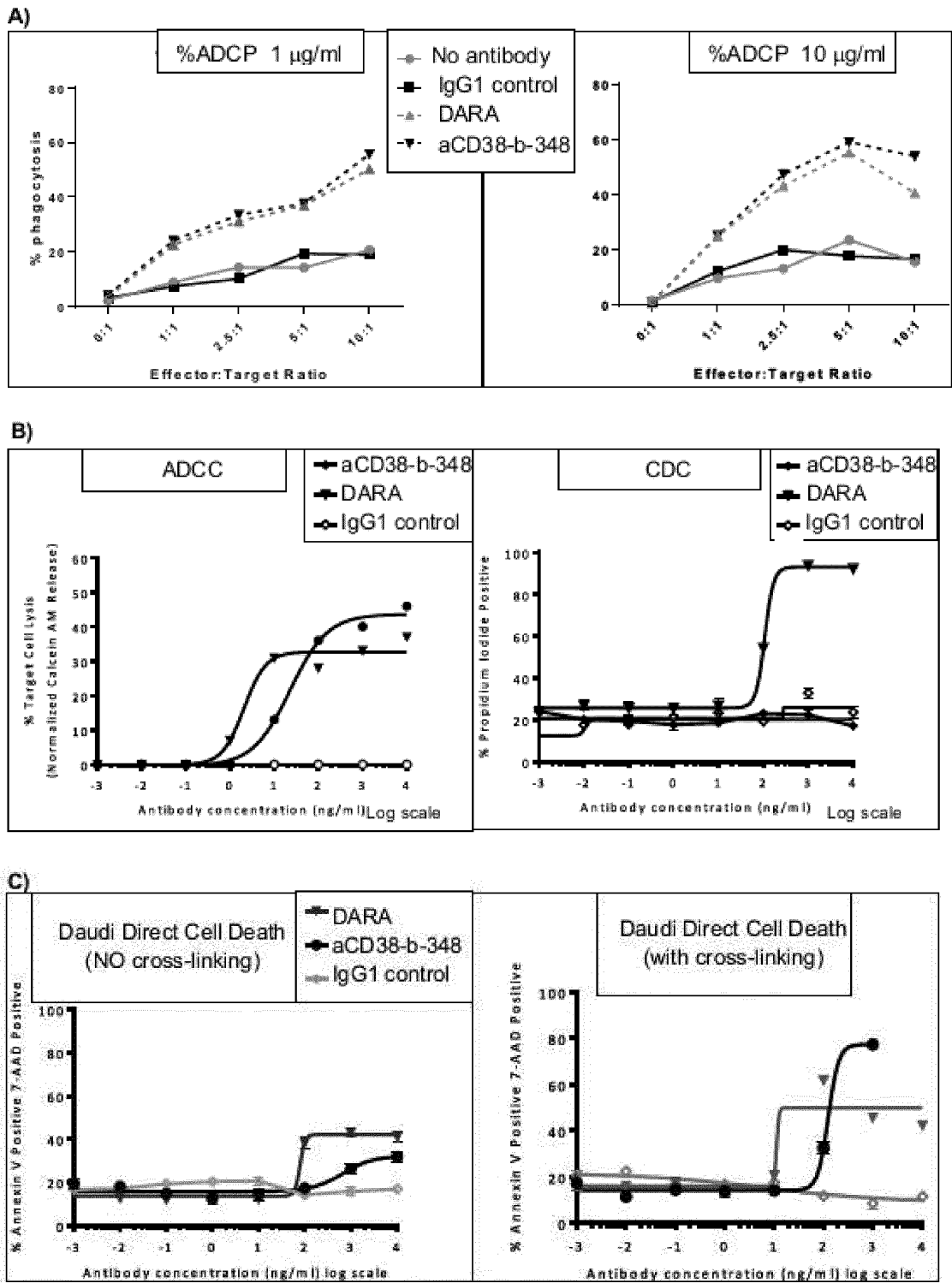


FIGURE 6

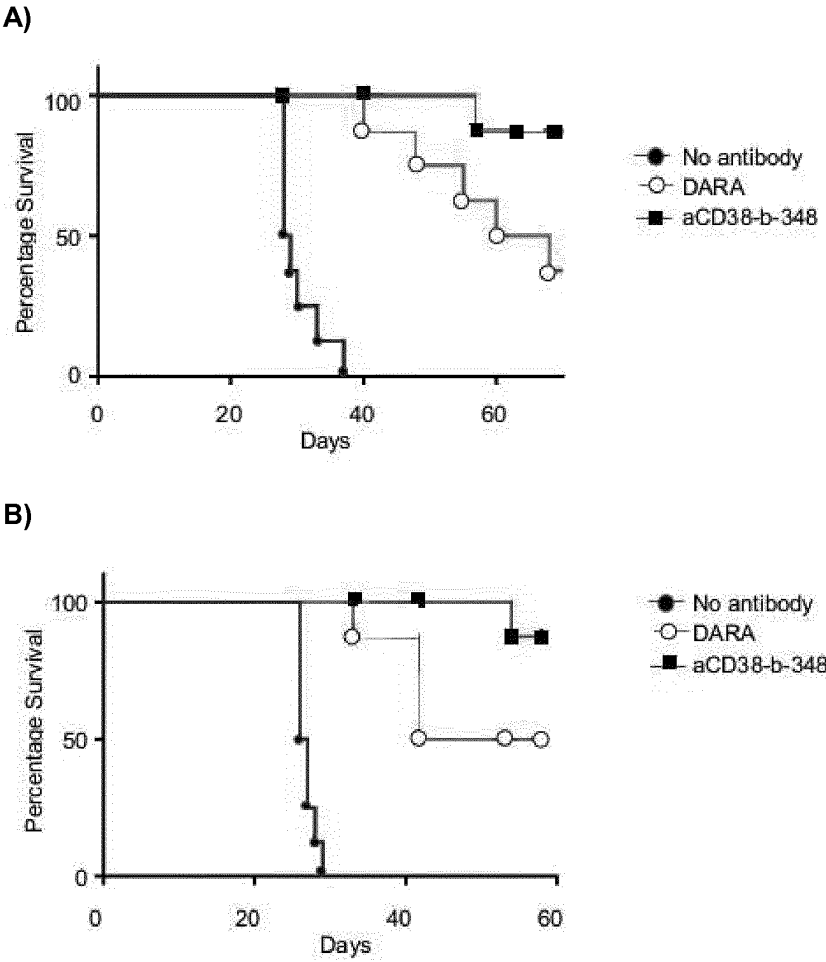
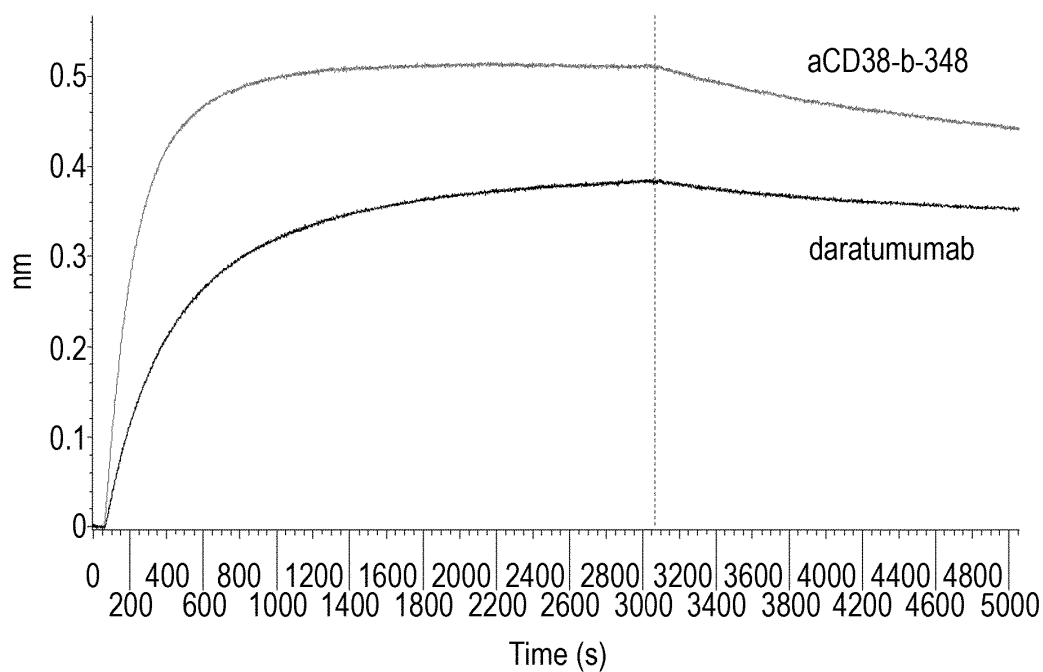


FIGURE 7

Biolayer interferometry binding analysis of purified aCD38-b-348 (IgG1) to rhCD38-his tag on the Octet Red 96 instrument

**FIGURE 8**

ADCP reporter assay

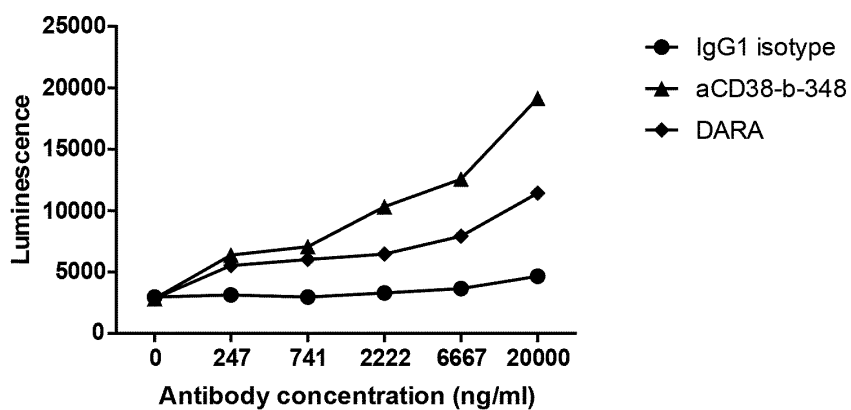
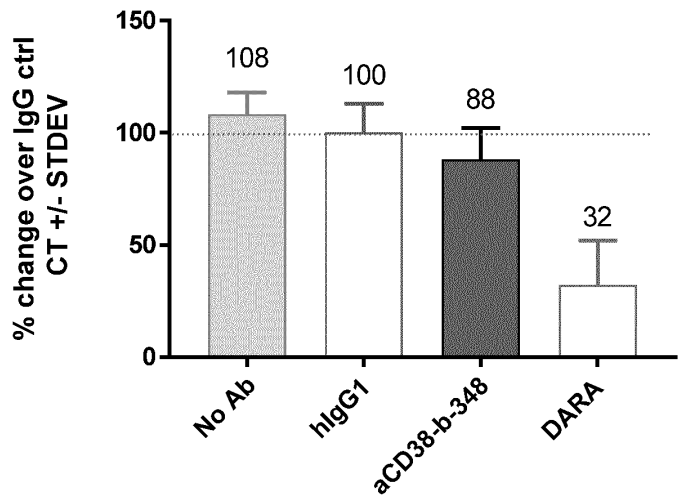


FIGURE 9

A)



B)

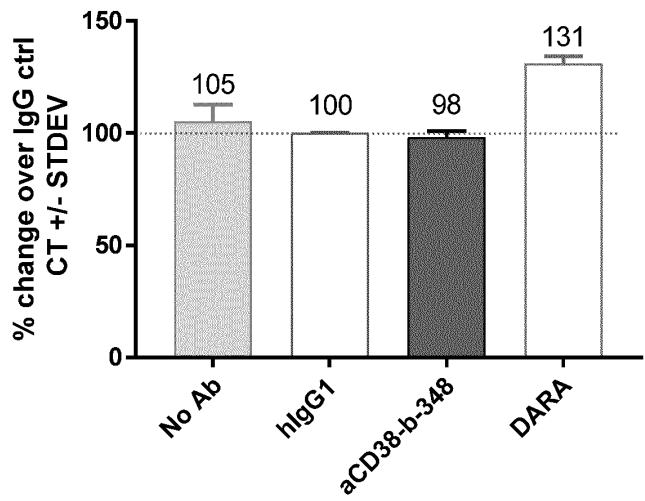


FIGURE 10

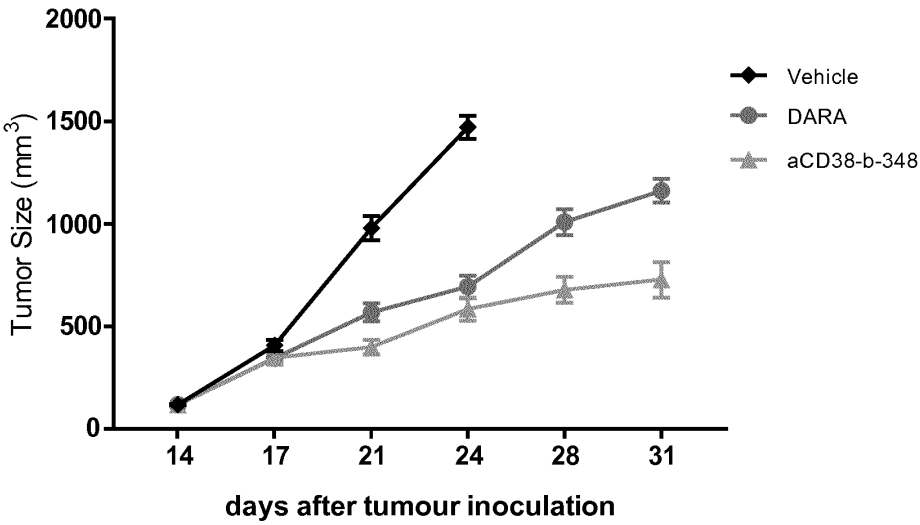


FIGURE 11

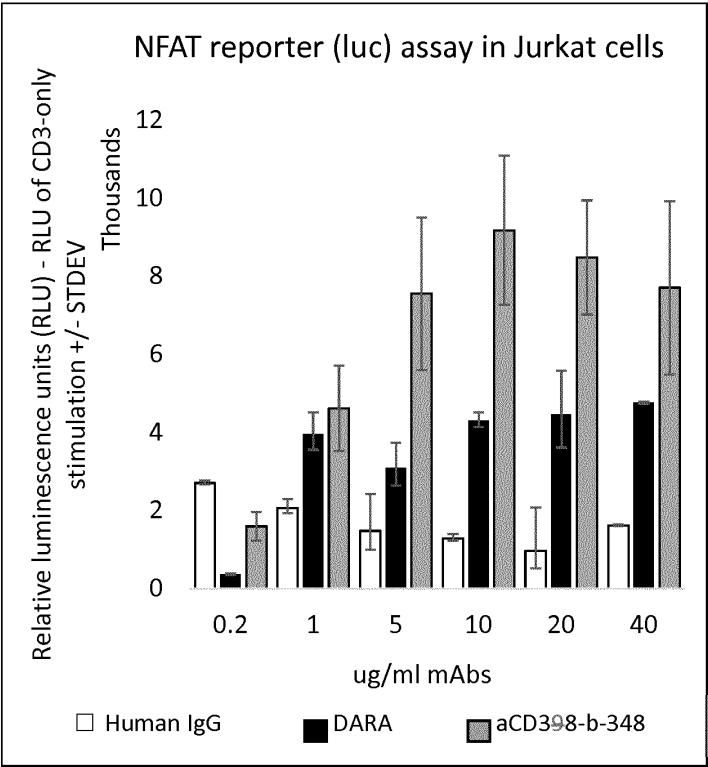


FIGURE 12

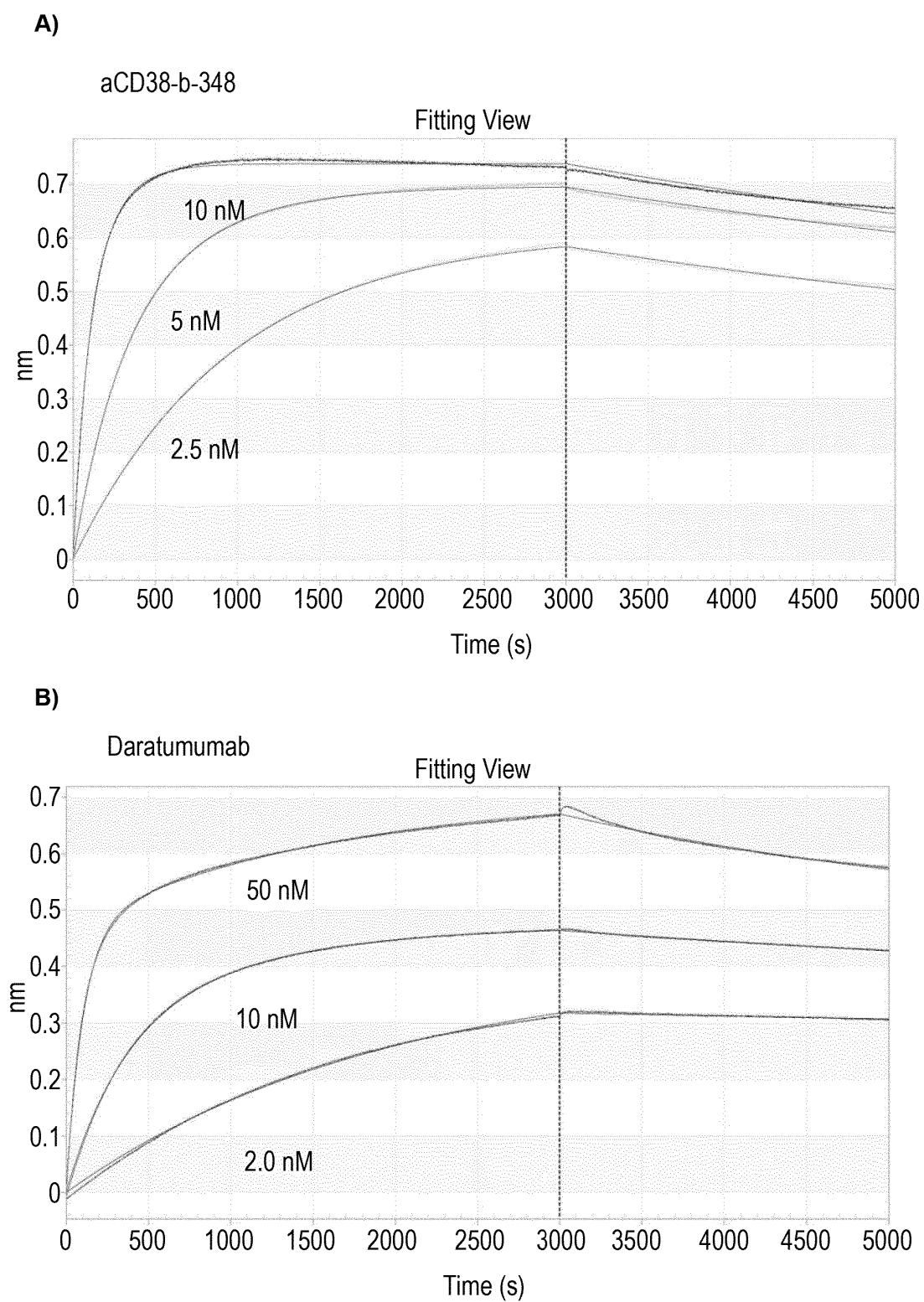


FIGURE 13

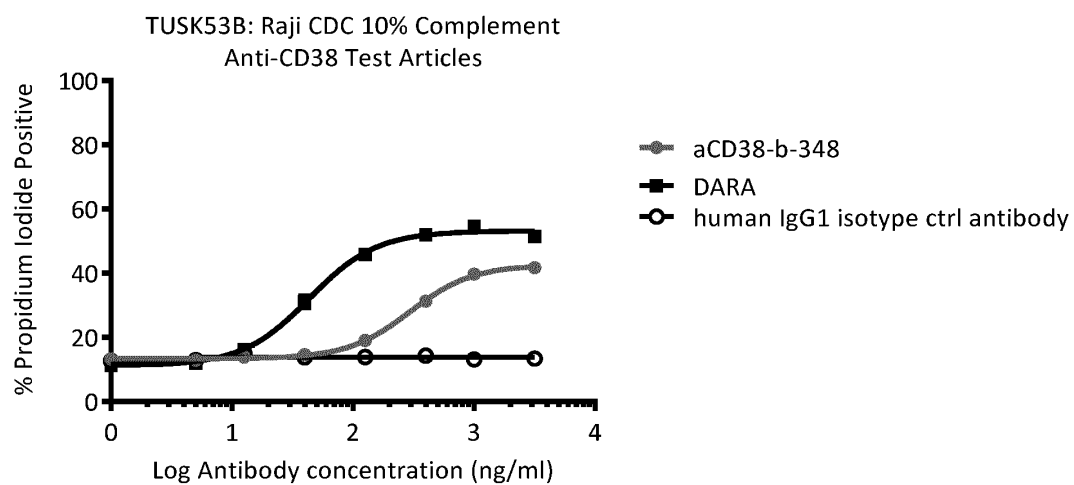
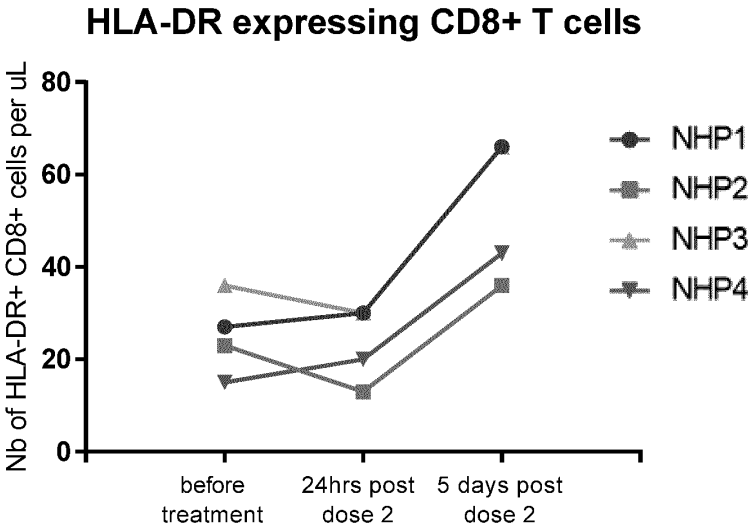


FIGURE 14

A)



B)

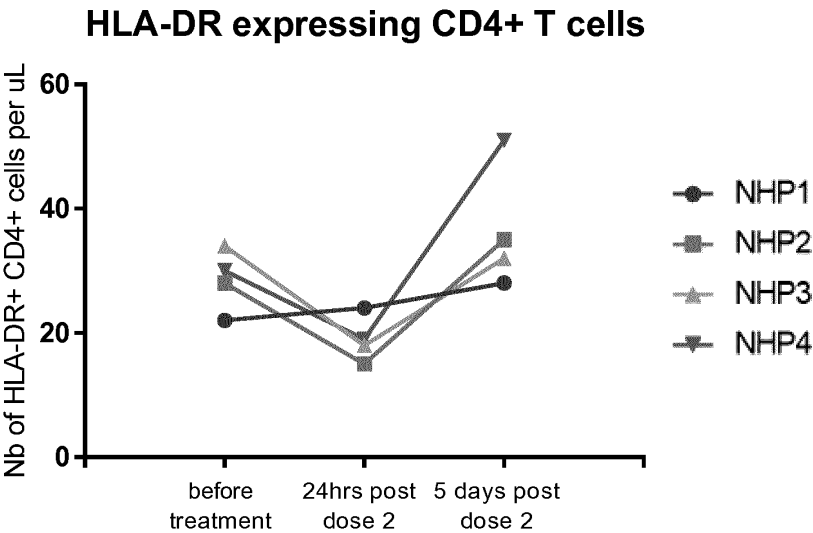
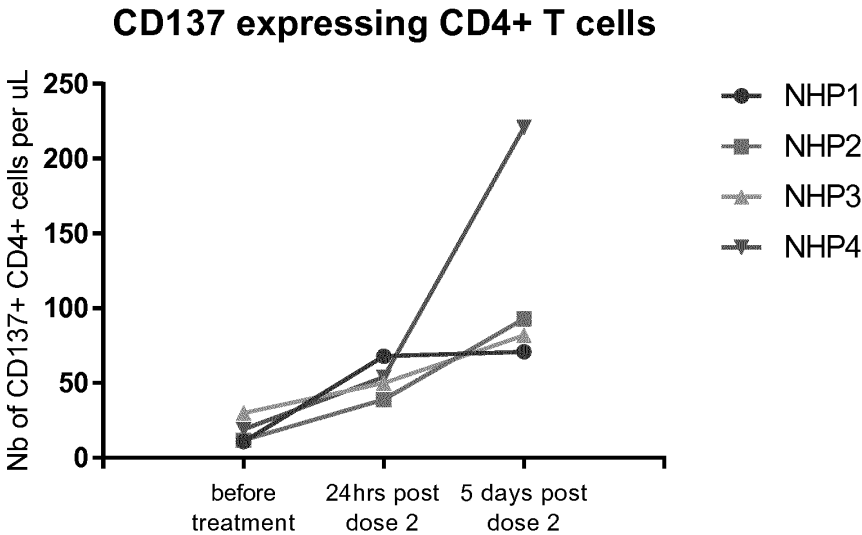


Figure 14 cont.

C)



D)

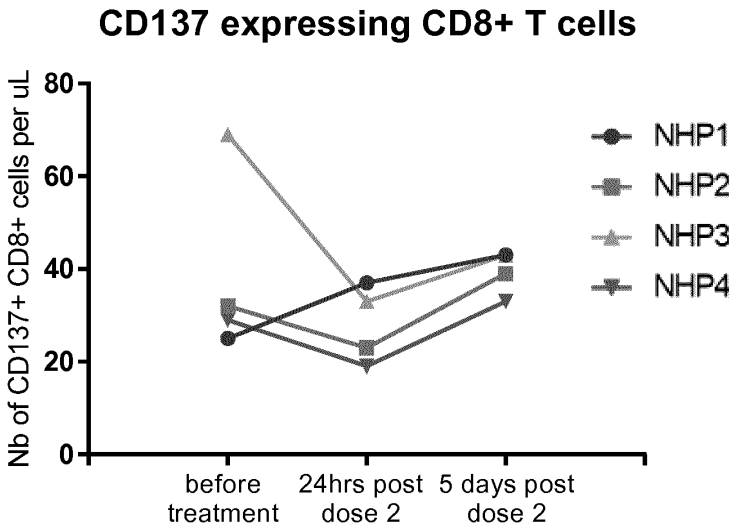
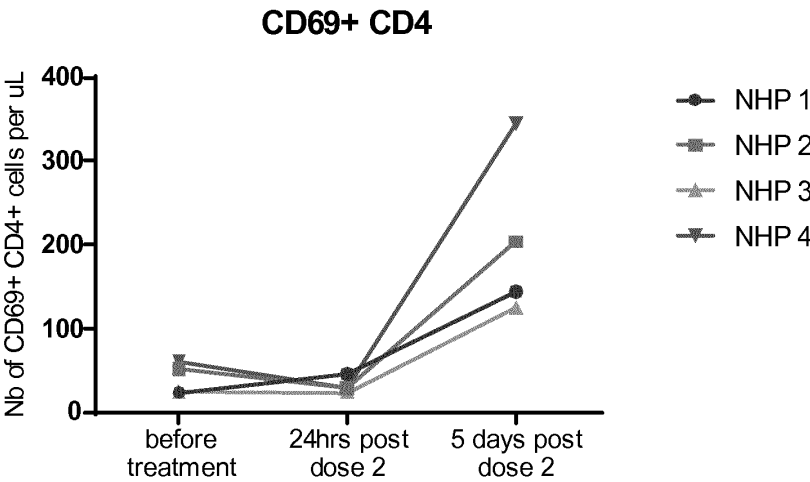


Figure 14 cont.

E)



F)

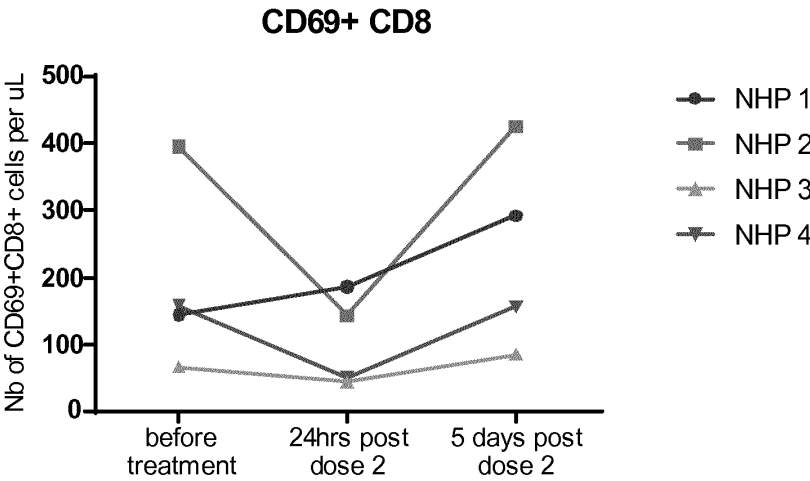


FIGURE 15

A)

aCD38-b-348-m1-HCDR123:GSISSSDYYWGWIRQPPGKGLEWIGSIYYSGSTYYNPSLKSRVTISVDTSKNQFS
LKLSSVTAADTAVYYCARGQYSSGWYAYPFDM**aCD38-b-348-m1-LCDR123:**RASQSVRSSLAWYQQKPGQAPRLLIYGASSRATGIPDRFSGSGSGTDFTLTIS
RLEPEDFAVYYCQQEANVYT

B)

aCD38-b-348-m2-HCDR123:GSISSSDYYWGWIRQPPGKGLEWIGSIYYSGSTYYNPSLKSRVTISVDTSKNQFS
LKLSSVTAADTAVYYCARGQYSSGWYAYPFDM**aCD38-b-348-m2-LCDR123:**RASQSVRSSLAWYQQKPGQAPRLLIYGASSRATGIPDRFSGSGSGTDFTLTIS
RLEPEDFAVYYCQQDSNVYT

C)

aCD38-b-348-m3-HCDR123:GSISSSDYYWGWIRQPPGKGLEWIGSIYYSGSTYYNPSLKSRVTISVDTSKNQFS
LKLSSVTAADTAVYYCARGQYSSGWYAYPFDM**aCD38-b-348-m3-LCDR123:**RASQSVRSSLAWYQQKPGQAPRLLIYGASSRATGIPDRFSGSGSGTDFTLTIS
RLEPEDFAVYYCQQDANVYT

D)

aCD38-b-348-m4-HCDR123:GSISSSDYYWGWIRQPPGKGLEWIGSIYYSGSTYYNPSLKSRVTISVDTSKNQFS
LKLSSVTAADTAVYYCARGQYSSGWYAYPFDM**aCD38-b-348-m4-LCDR123:**RASQSVRSSLAWYQQKPGQAPRLLIYGASSRATGIPDRFSGSGSGTDFTLTIS
RLEPEDFAVYYCQQEGNVYT

FIGURE 16

: Daudi Binding

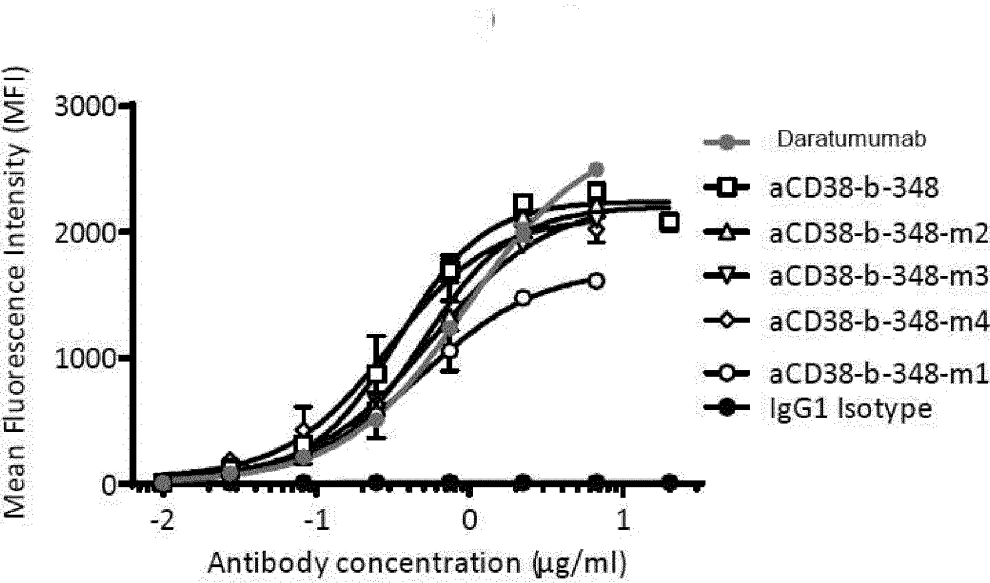


FIGURE 17

Daudi ADCC 4 hours Calcein AM Release
Donor 3627

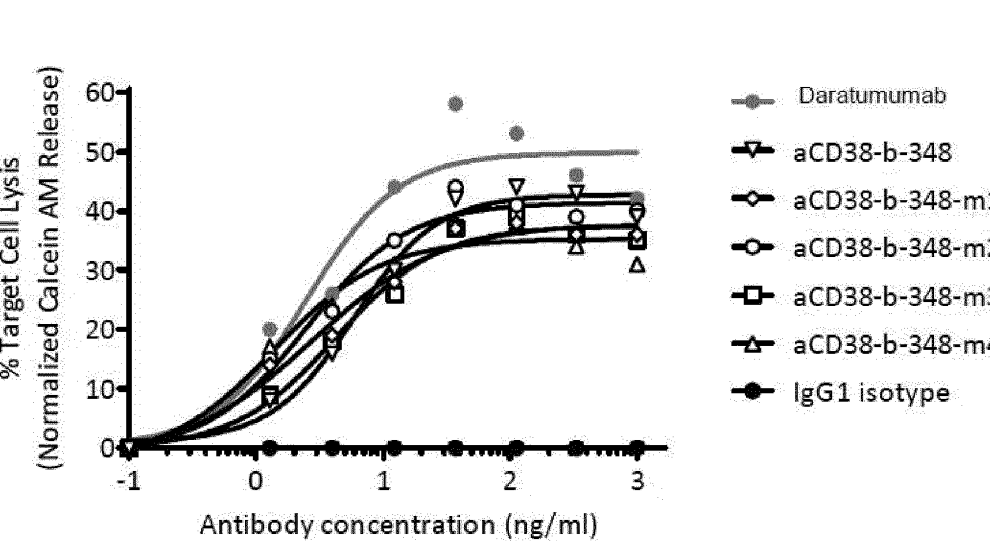
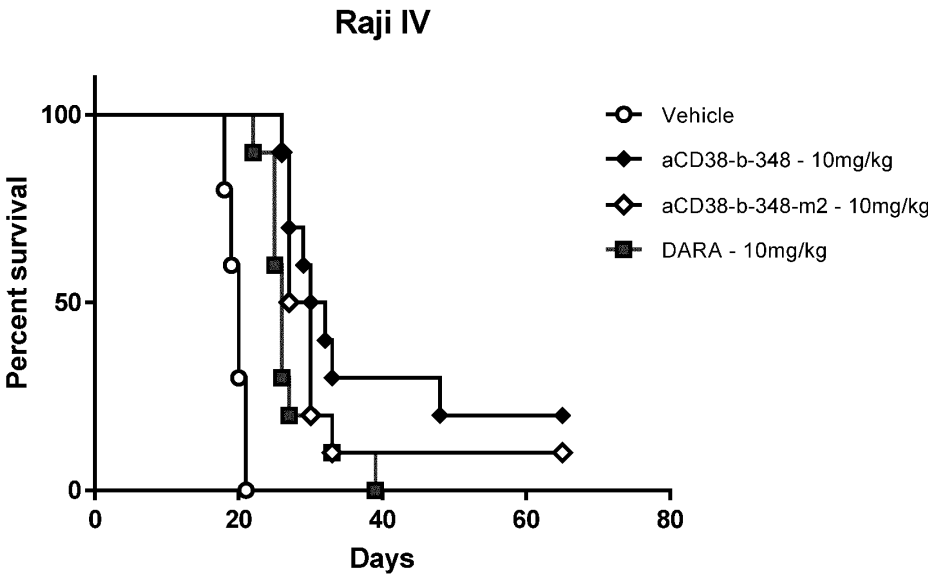


FIGURE 18

A)



B)

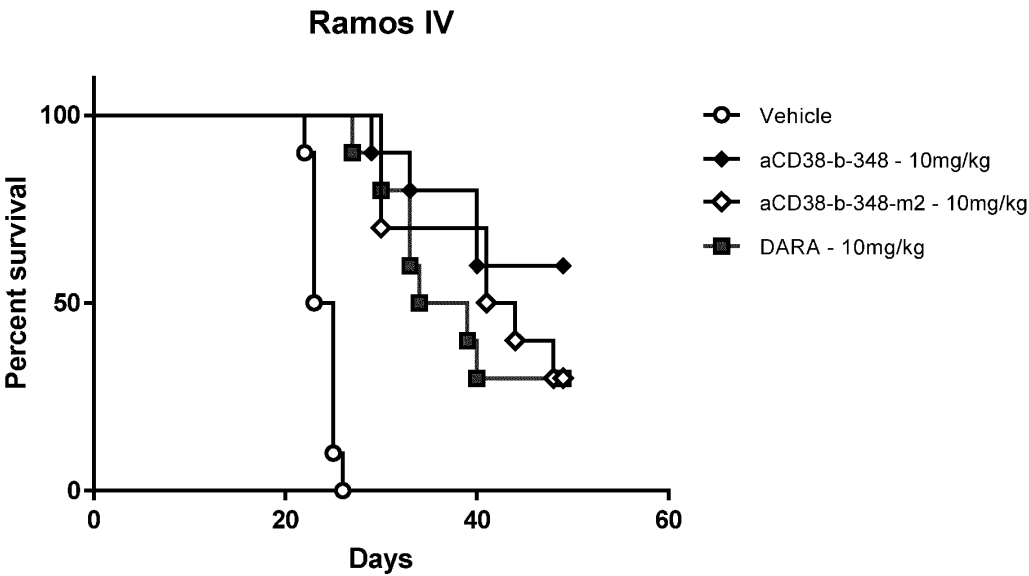
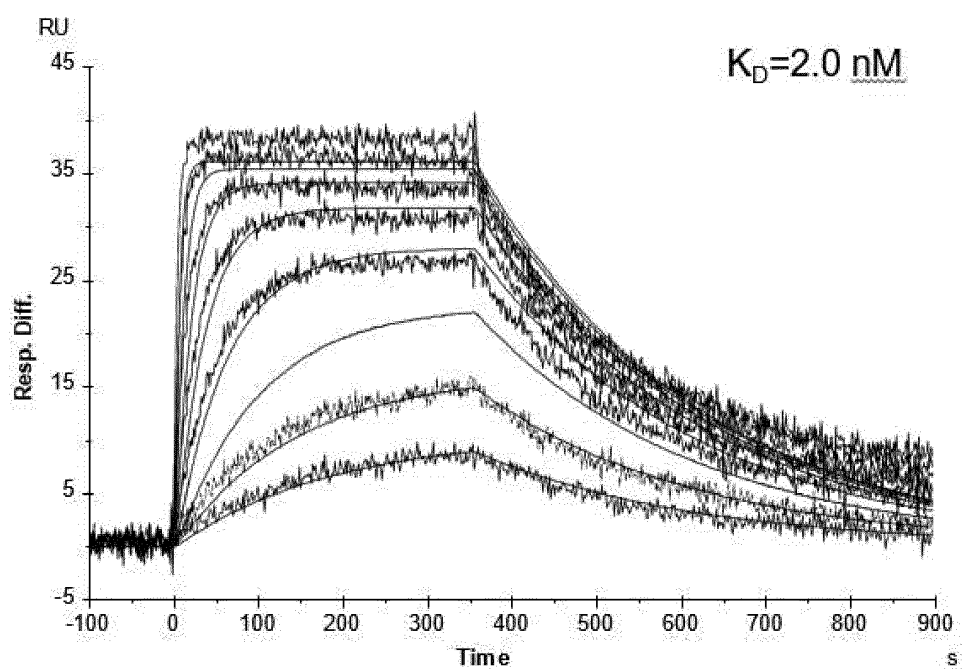


FIGURE 19

A)



B)

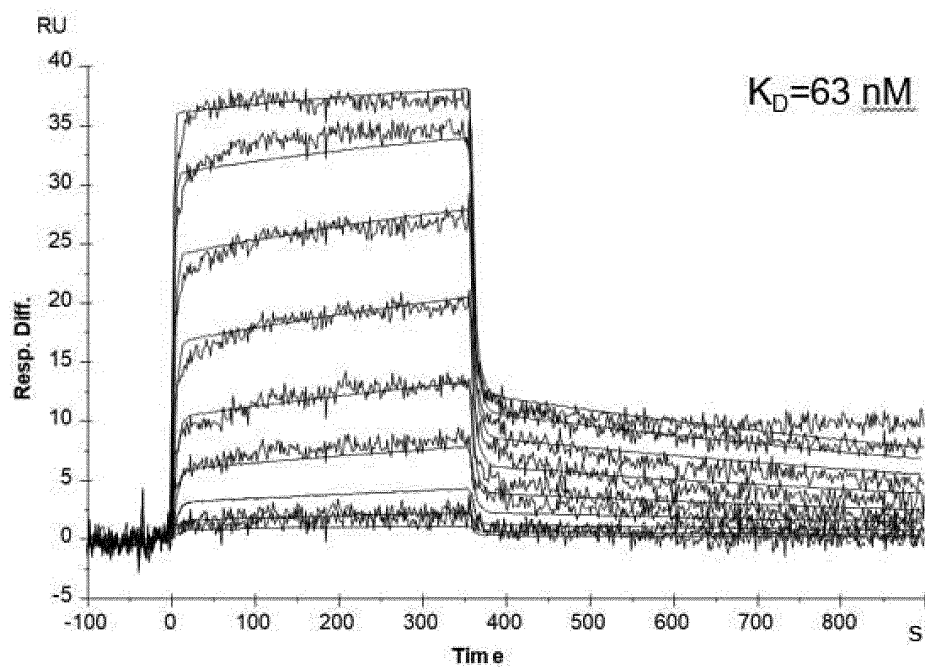
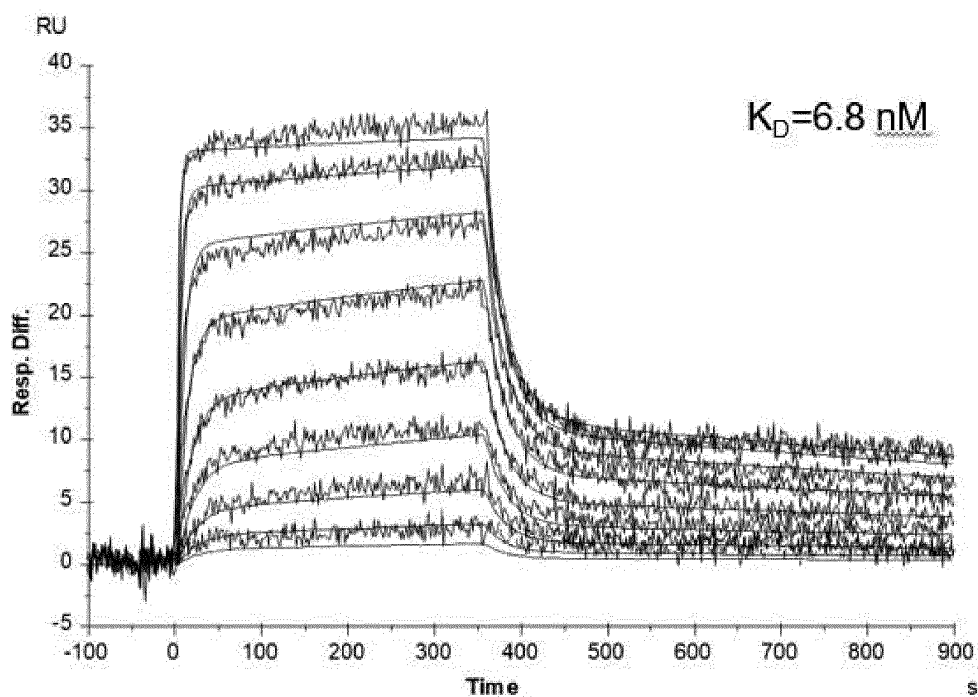


FIGURE 19 cont.

C)



D)

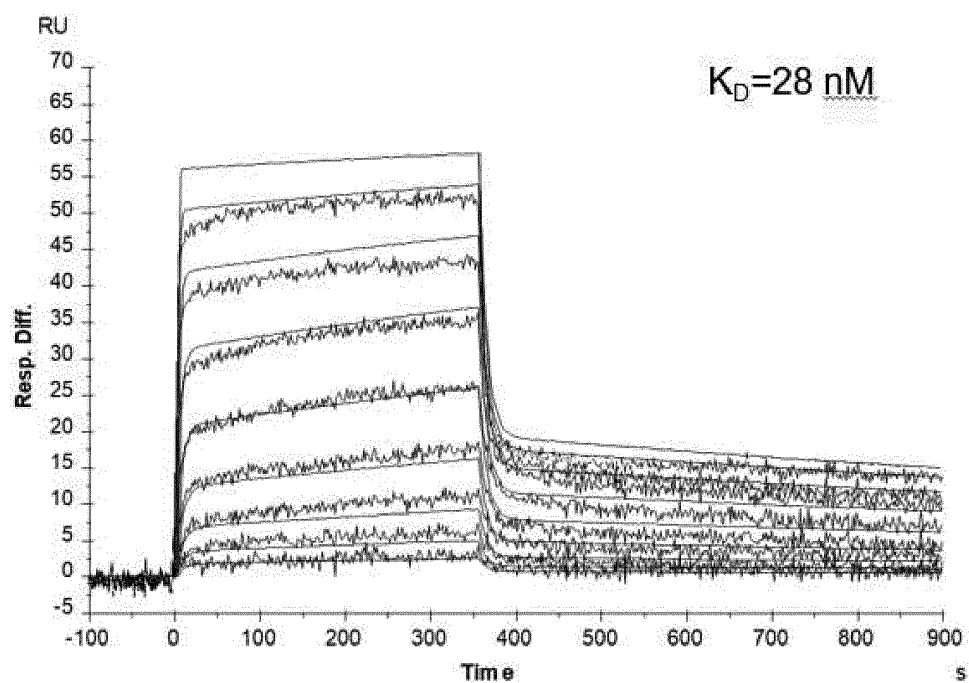


FIGURE 19 cont.

E)

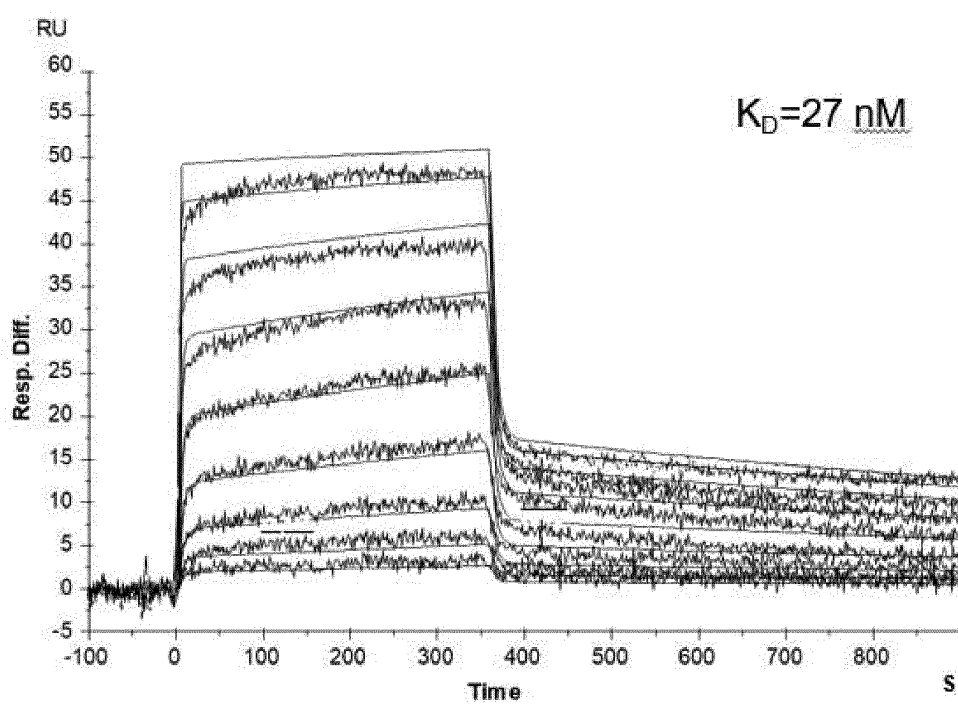


FIGURE 20

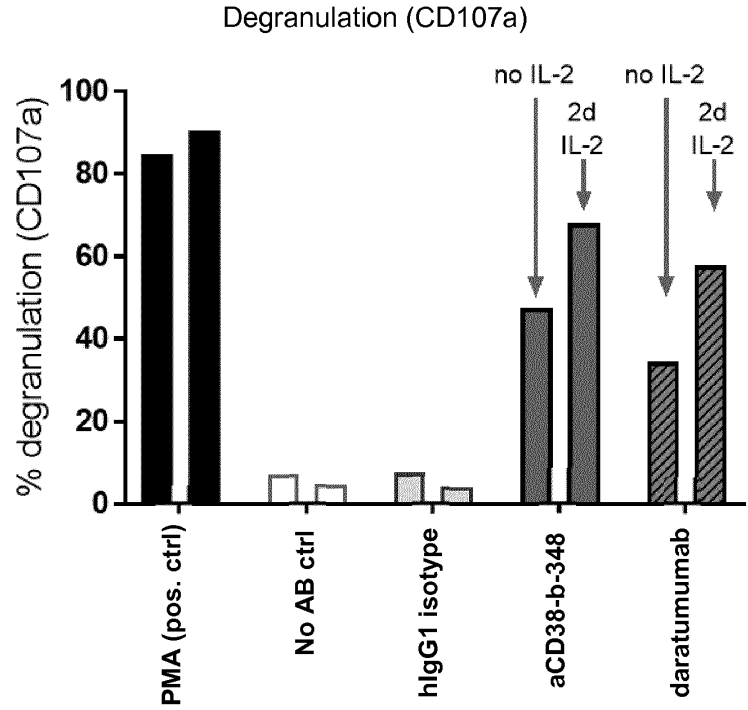


FIGURE 21

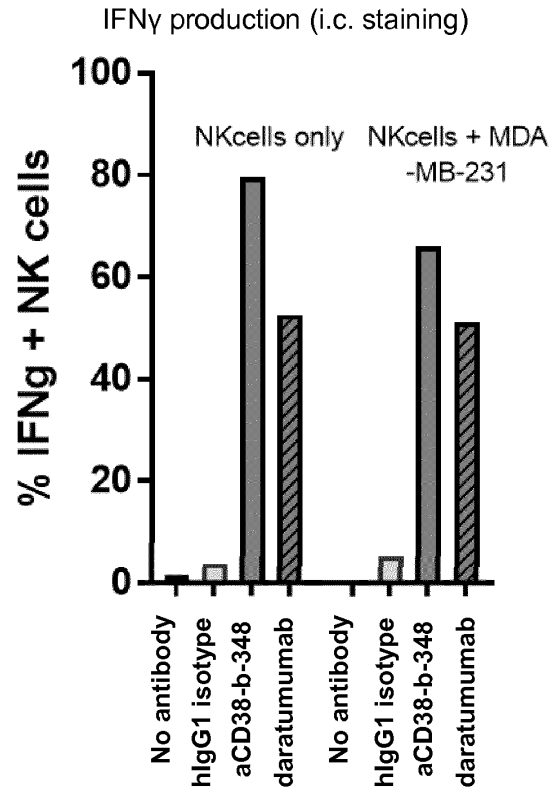
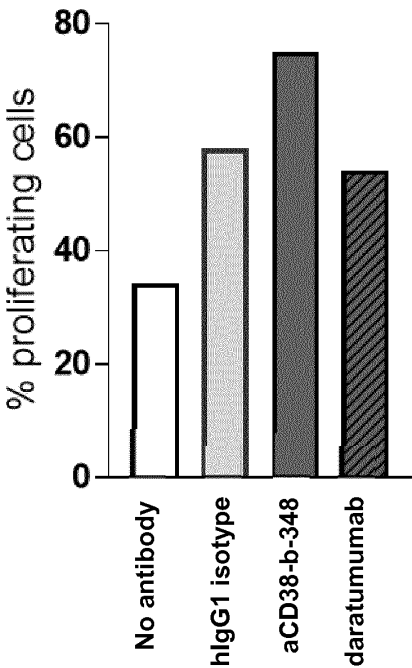


FIGURE 22

A)



B)

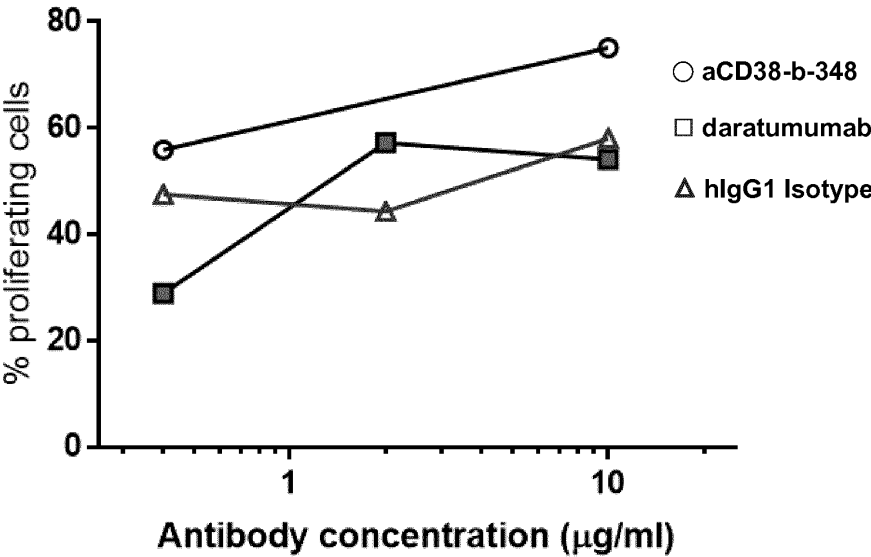


FIGURE 23

