

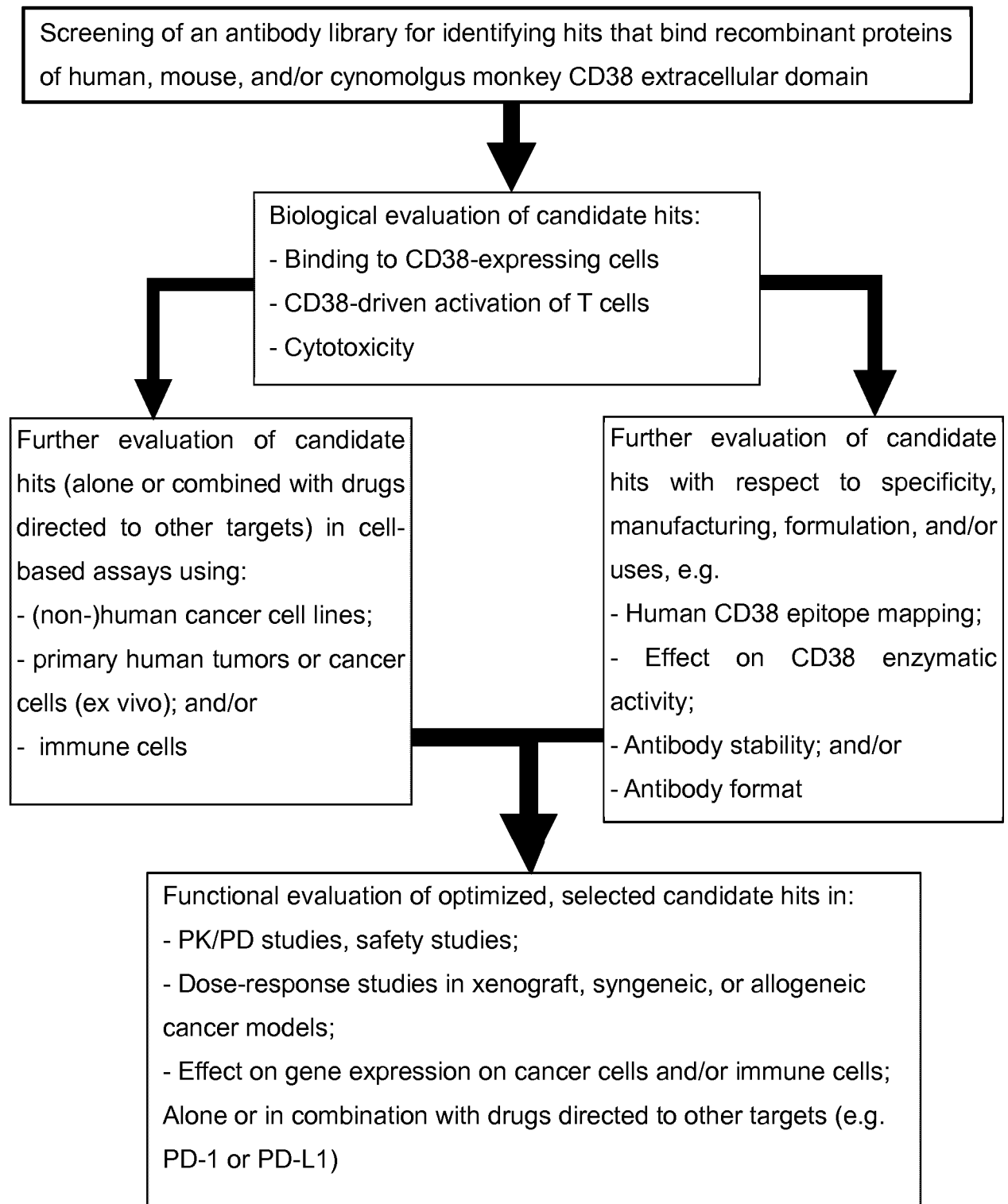
FIGURE 1

FIGURE 2

A)

CD38-b-329-HCDR1

GSISSSDYYWG

aCD38-b-329-HCDR2

SIYYSGSTYYNPSLKS

aCD38-b-329-HCDR3

ARGQYSSGWYAYPFDM

aCD38-b-329-HCDR123

GSISSSDYYWGWIRQPPGKGLEWIGSIYYSGSTYYNPSLKSRVTVISVDTSKNQFSLK
LSSVTAADTAVYYCARGQYSSGWYAYPFDM

aCD38-b-329-LCDR1

RASQSVRSSYLA

aCD38-b-329-LCDR2

GASSRAT

aCD38-b-329-LCDR3

QQDGAVFT

aCD38-b-329-LCDR123

RASQSVRSSYLAWYQQKPGQAPRLLIYGASSRATGIPDRFSGSGSGTDFTLTISRL
EPEDFAVYYCQQDGAVFT

B)

Cytoplasmatic		Transmembrane	
10	20	30	40
MANCEFSPVS	GDKPCCRLSR	RAQLCLGVSI	LVLILVVVLA
50			
			VVVPWRQQW
60	70	80	90
SGPGTTKRFP	ETVIARCVKY	TEIHPEMRHV	DCQSVWDAFK
			GAFISKHPCN
110	120	130	140
ITEEDYQPLM	KLGTQTVPCN	KILLWSRIKD	LAHQFTQVQR
			DMFTLEDTL
160	170	180	190
GYLADDLTWC	GEFNTSKINY	QSCPDWRKDC	SNNPVSFVWK
			TVSRRFAEAA
210	220	230	240
CDVVHVMLNG	SRSKIFDKNS	TFGSVEVHNL	QFEKVQTL
			EA WVIHGG
260	270	280	290
RDLCQDPTIK	ELESIIISKRN	IQFSCKNIYR	PDKFLQCVKN
			PEDSSCTSEI

FIGURE 3

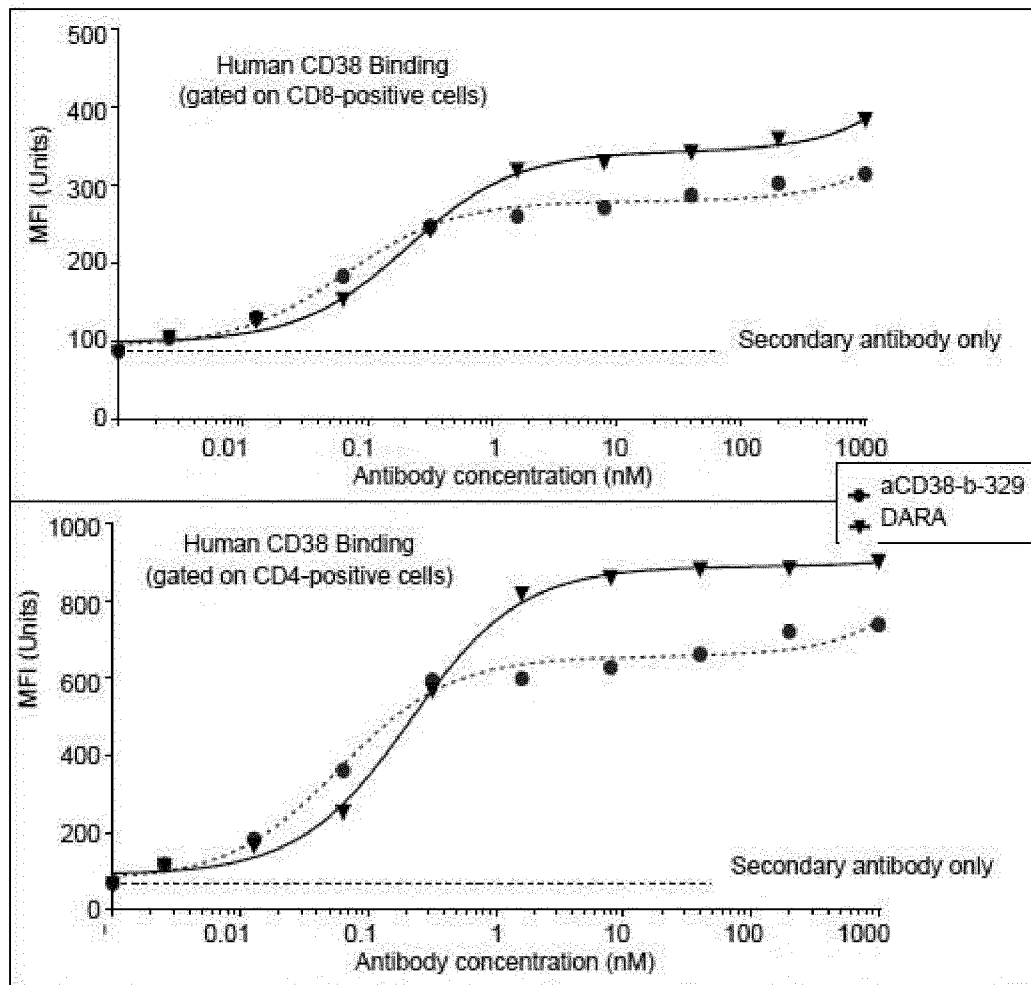
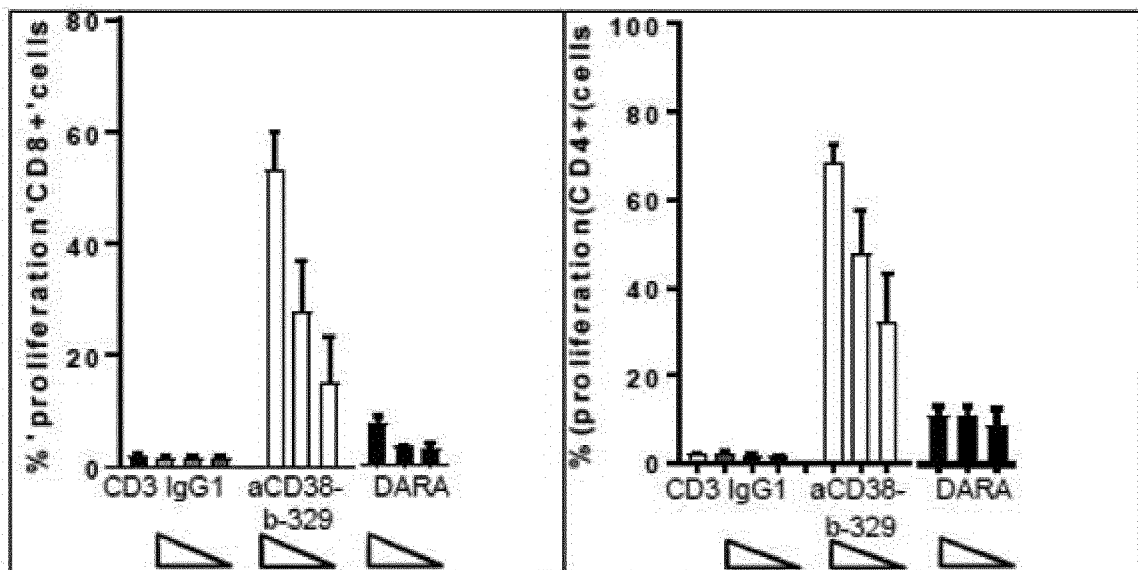


FIGURE 4

A)



B)

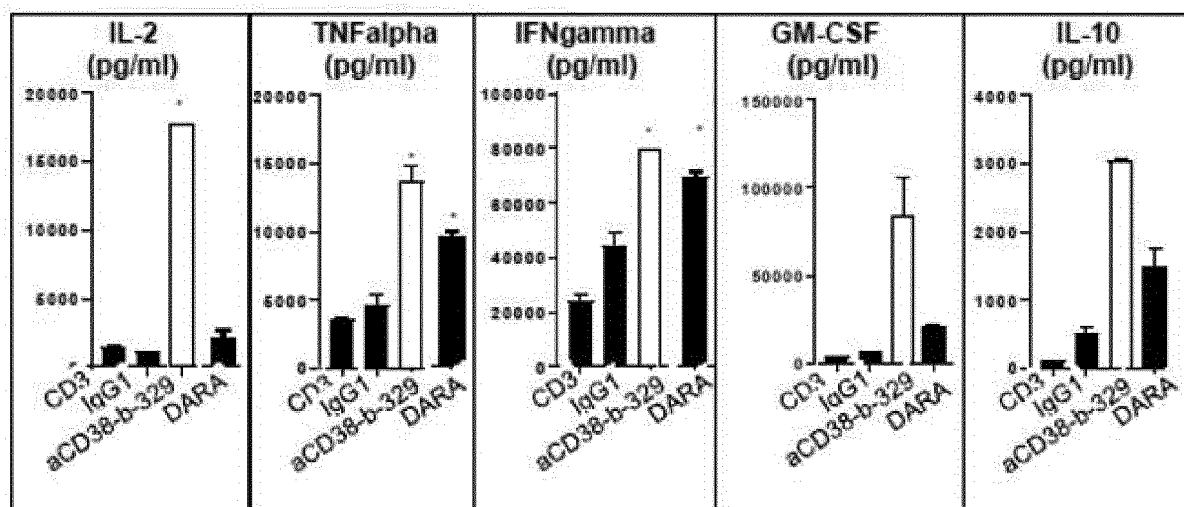
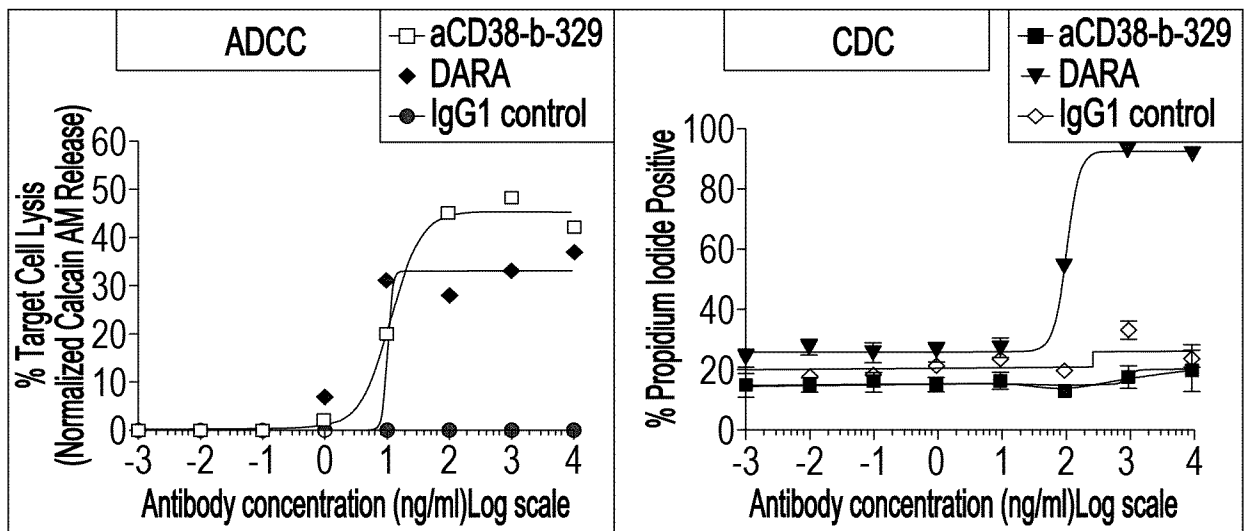


FIGURE 5

A)



B)

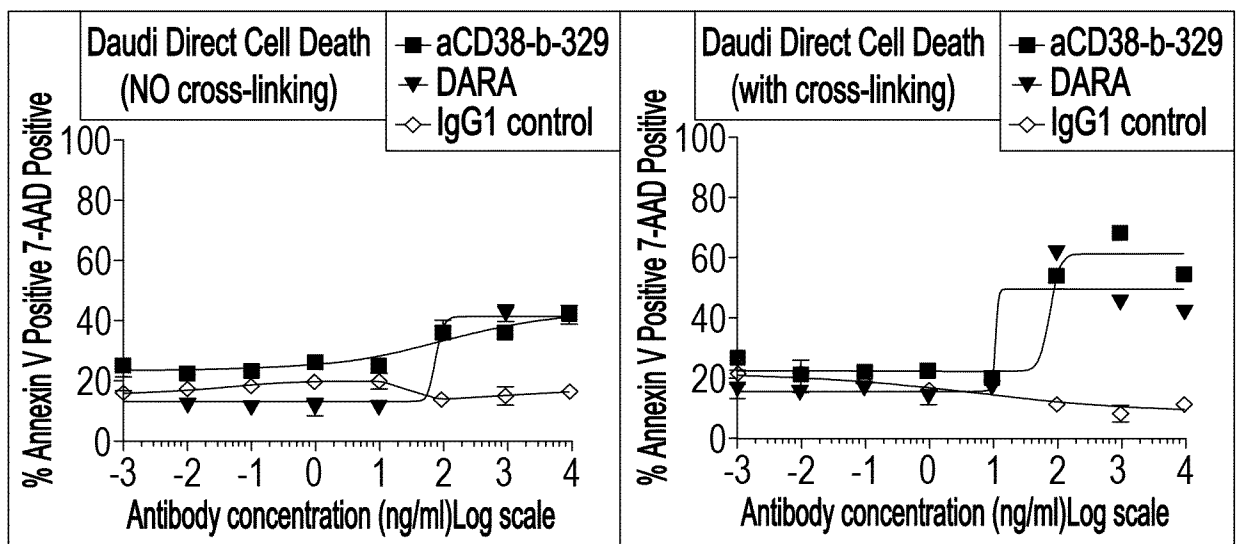
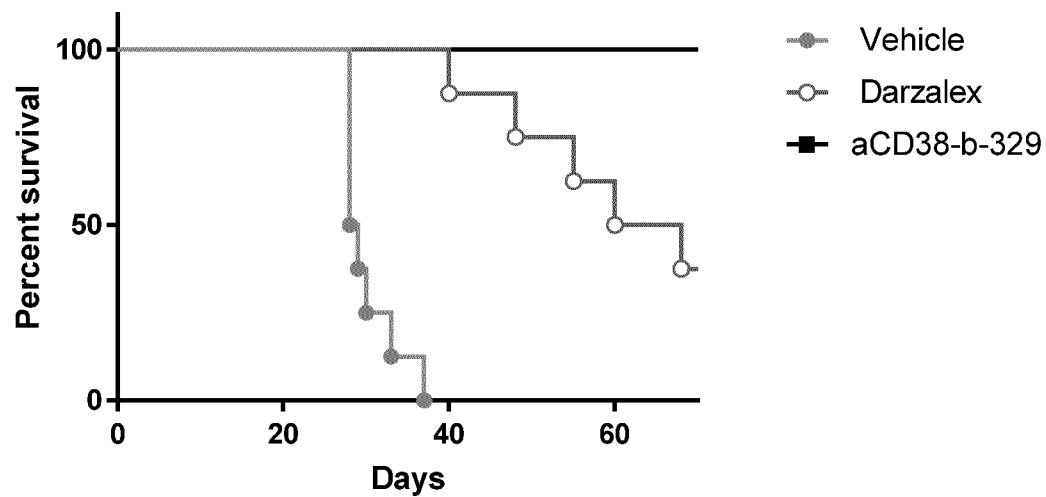


FIGURE 6

A)



B)

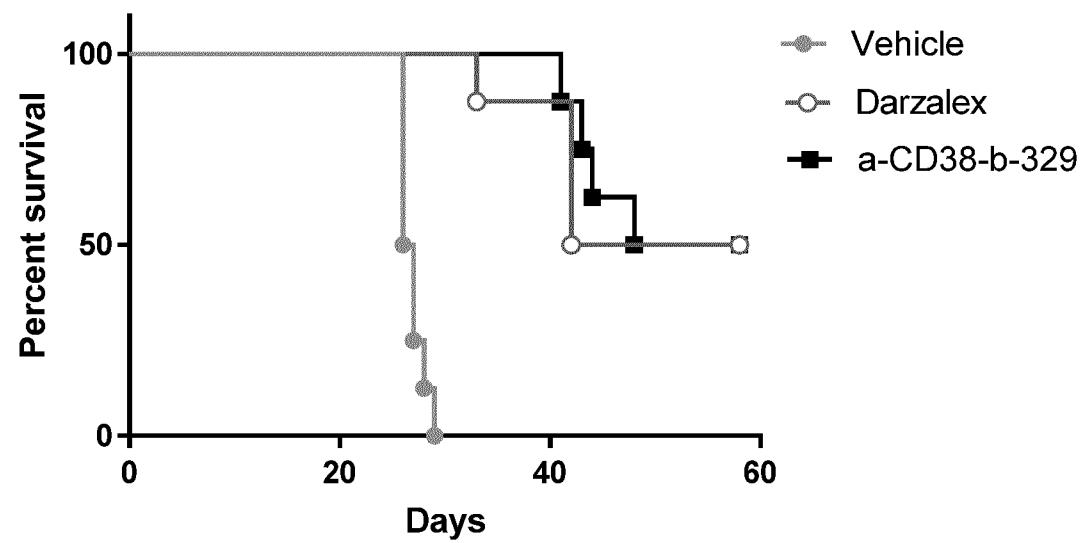


Figure 7**A)****aCD38-b-329-m6-HCDR123:**

GSISSSDYYWGWIRQPPGKGLEWIGSIYYSGSTYYNPSLKSRVTISVDTSKNQFSLK
LSSVTAADTAVYYCARGQYSSGWAYYPFDM

aCD38-b-329-m6-LCDR123:

RASQSVRSSLAWYQQKPGQAPRLLIYGASSRATGIPDRFSGSGSGTDFTLTISRL
EPEDFAVYYCQQDEAVFT

B)**aCD38-b-329-m7-HCDR123:**

GSISSSDYYWGWIRQPPGKGLEWIGSIYYSGSTYYNPSLKSRVTISVDTSKNQFSLK
LSSVTAADTAVYYCARGQYSSGWAYYPFDM

aCD38-b-329-m7-LCDR123:

RASQSVRSSLAWYQQKPGQAPRLLIYGASSRATGIPDRFSGSGSGTDFTLTISRL
EPEDFAVYYCQQDSAVFT

FIGURE 8

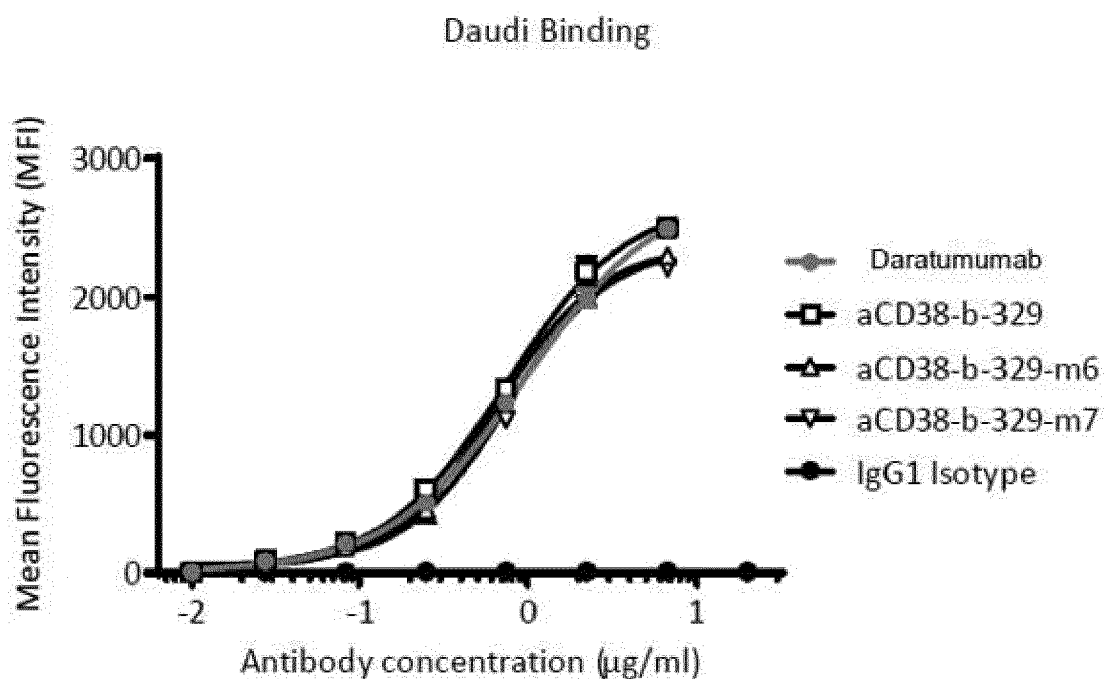


FIGURE 9

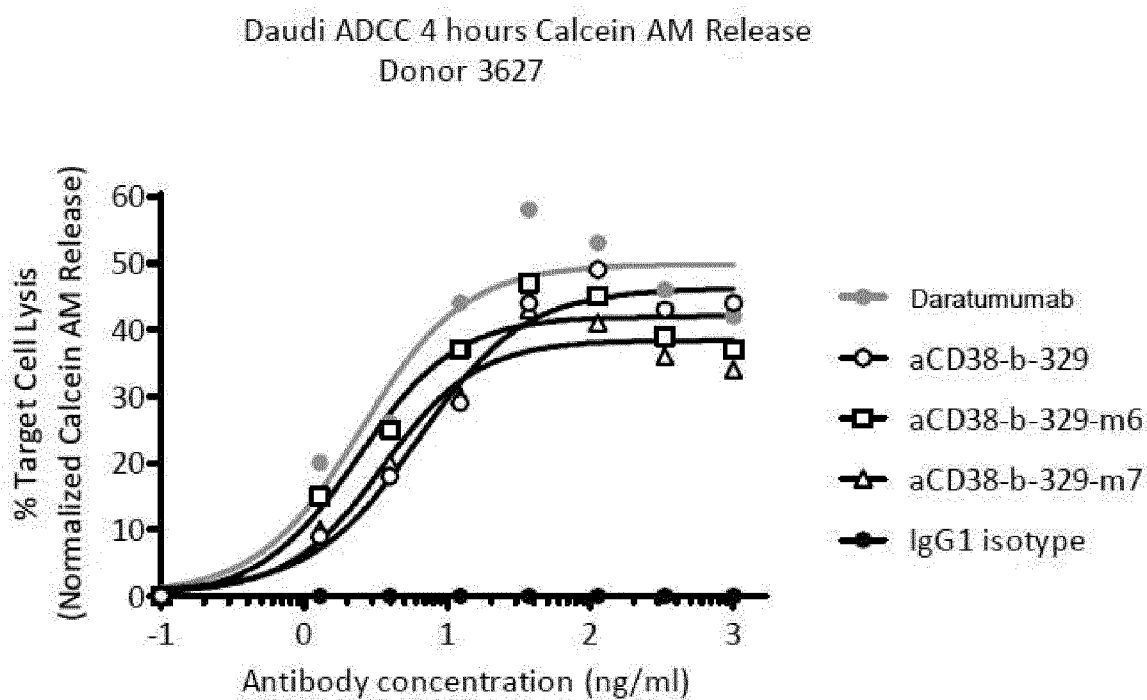
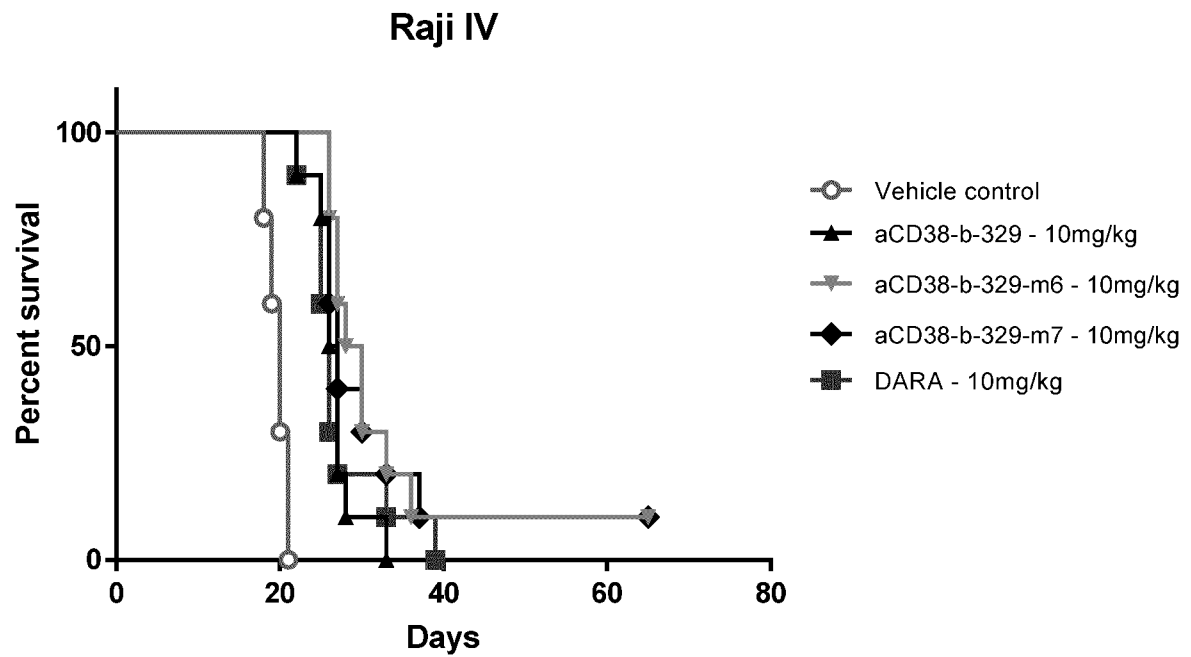


FIGURE 10

A)



B)

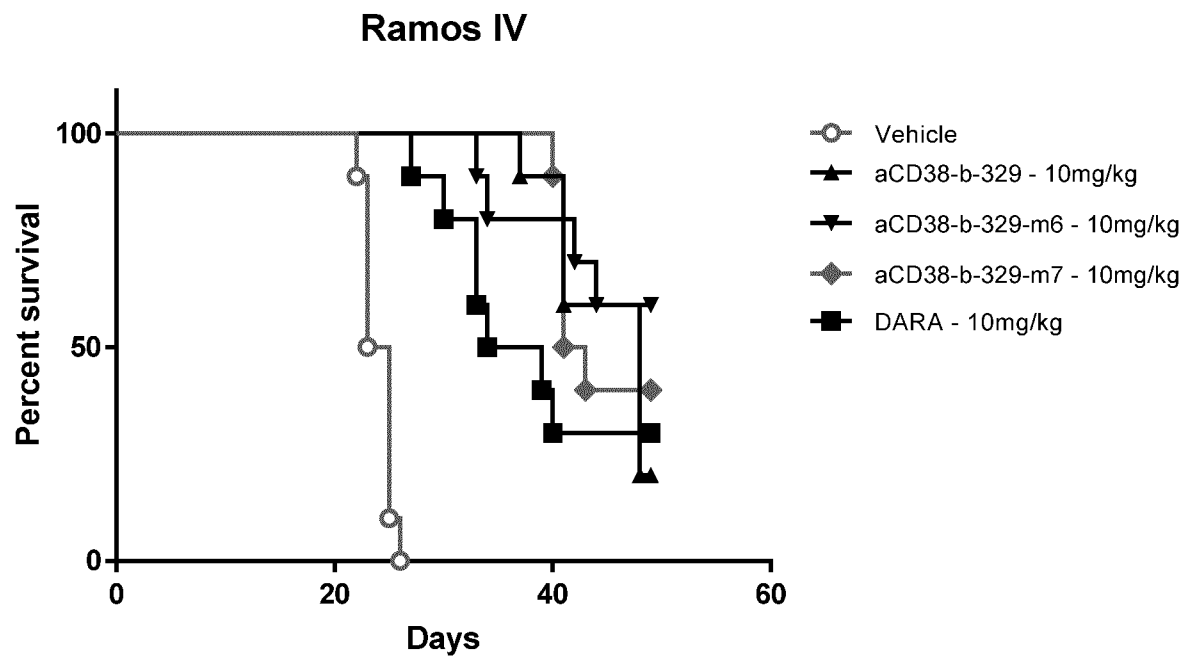
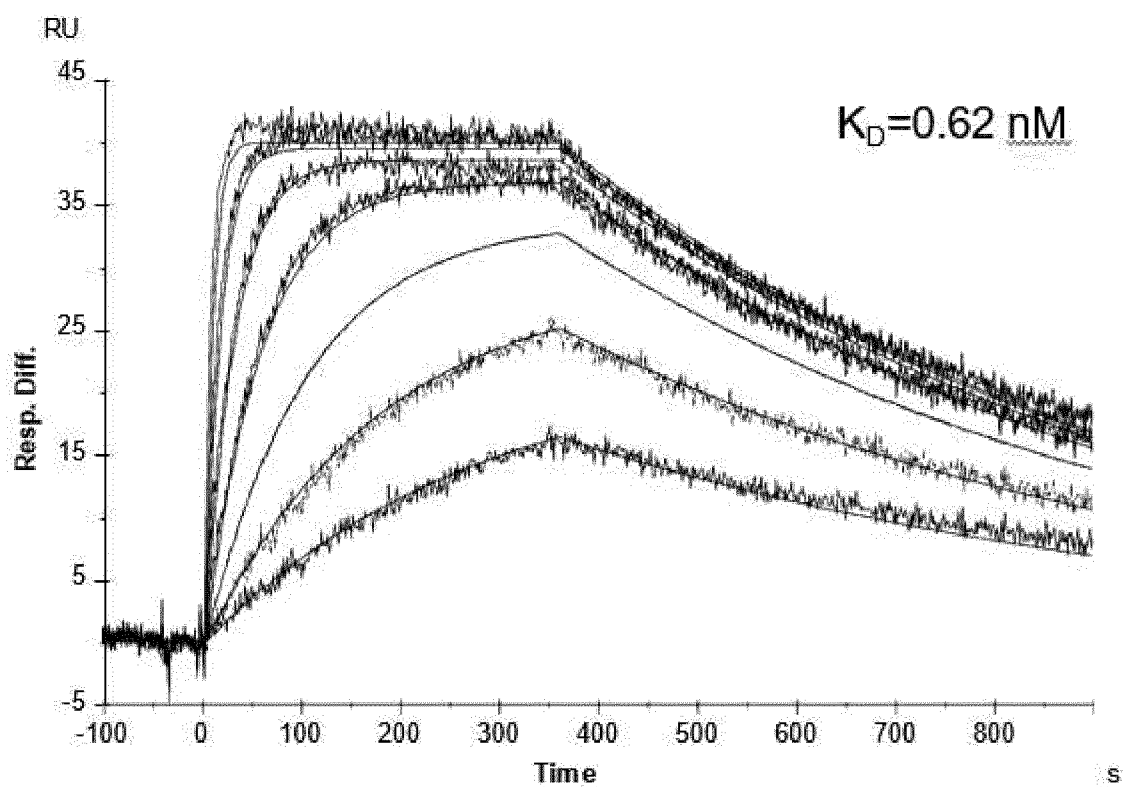
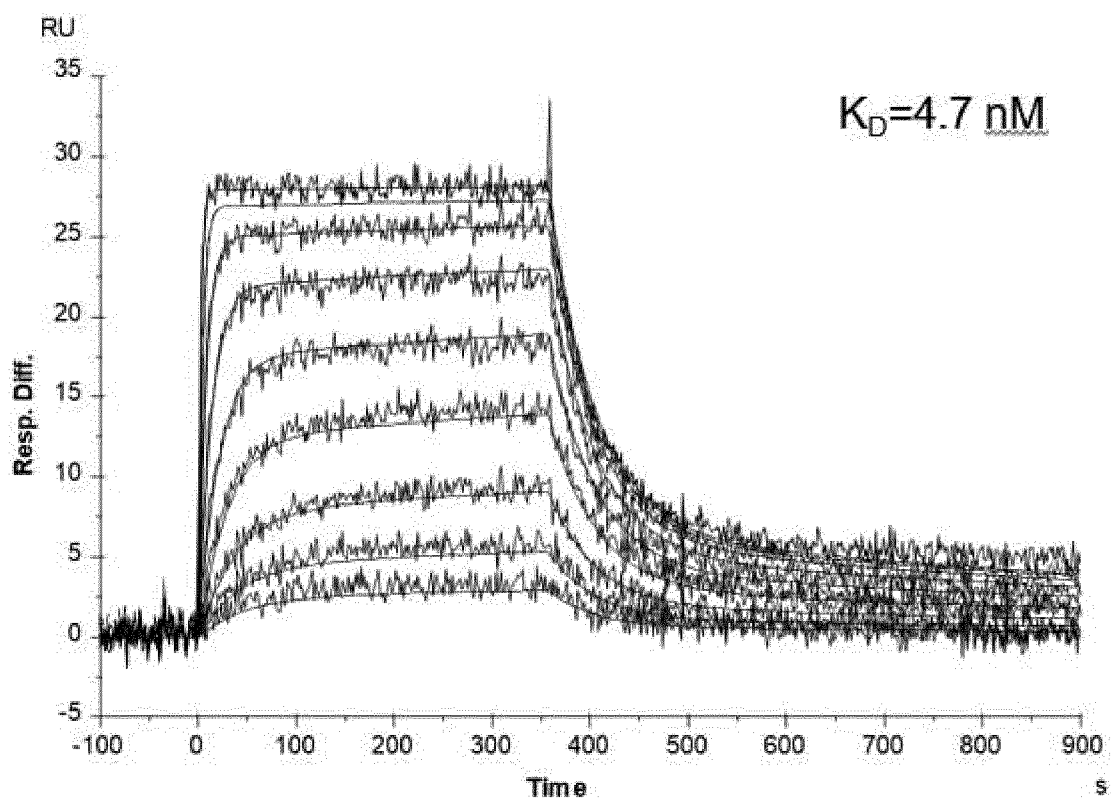


FIGURE 11

A)



B)



c)

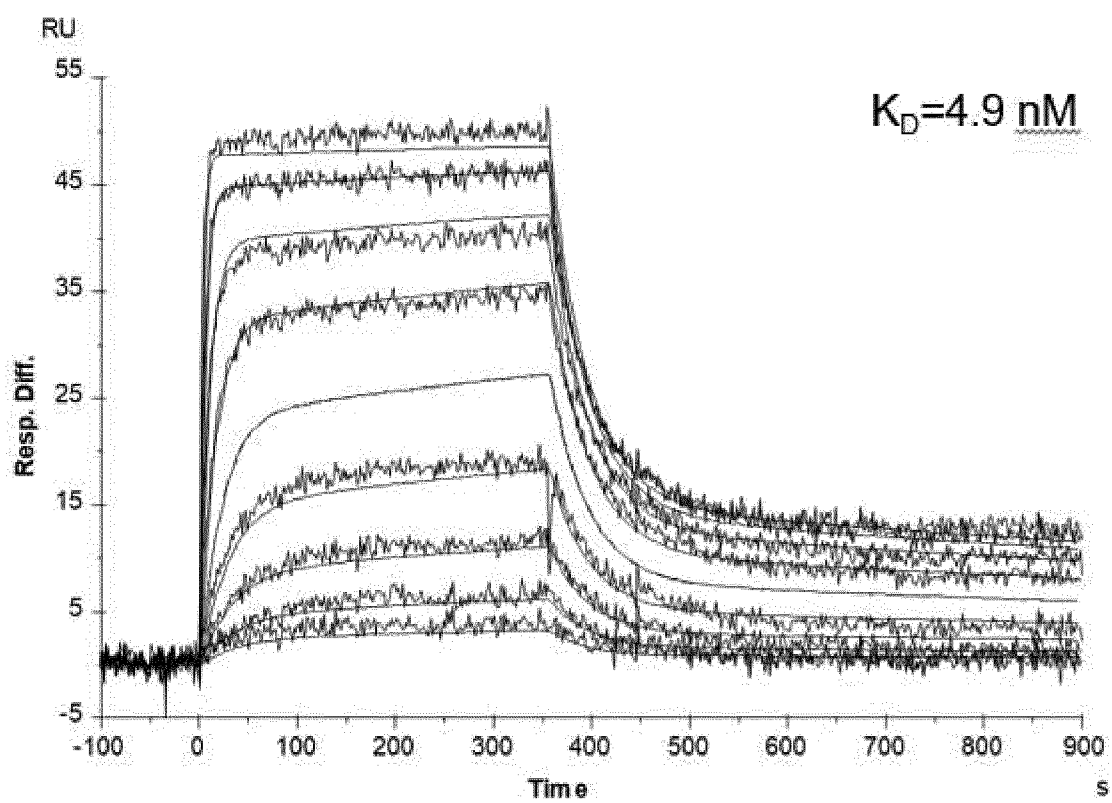


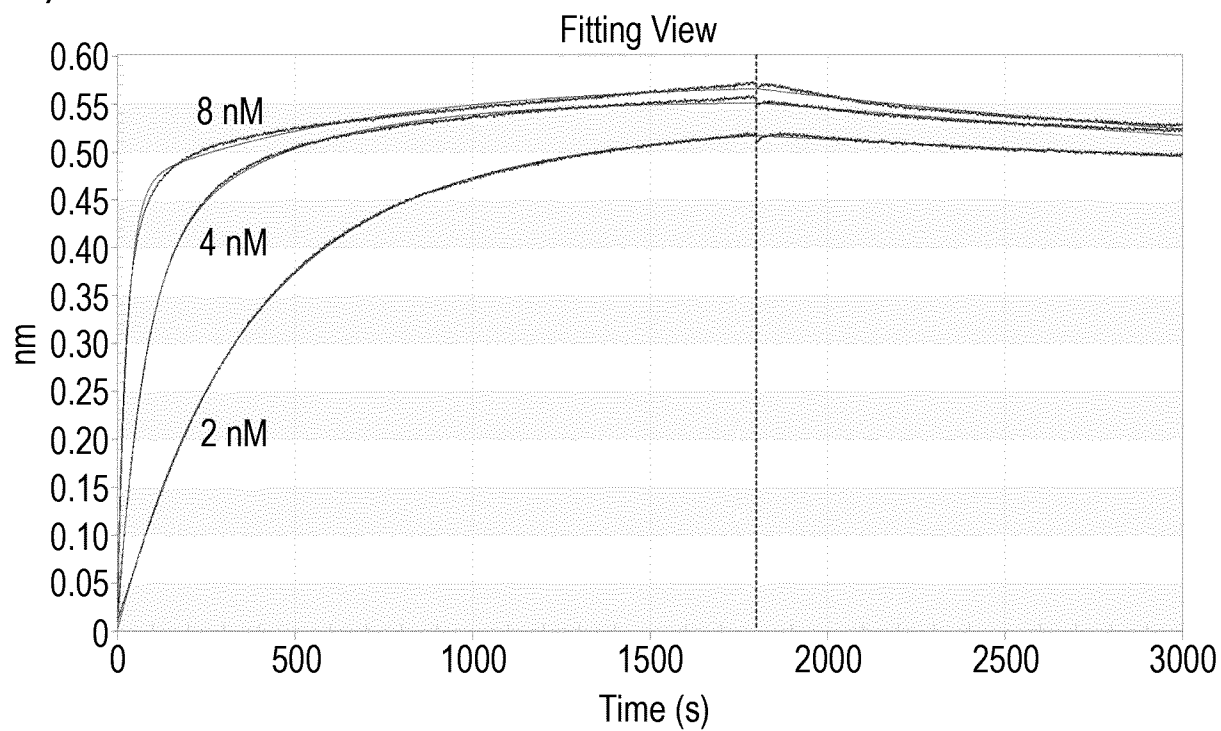
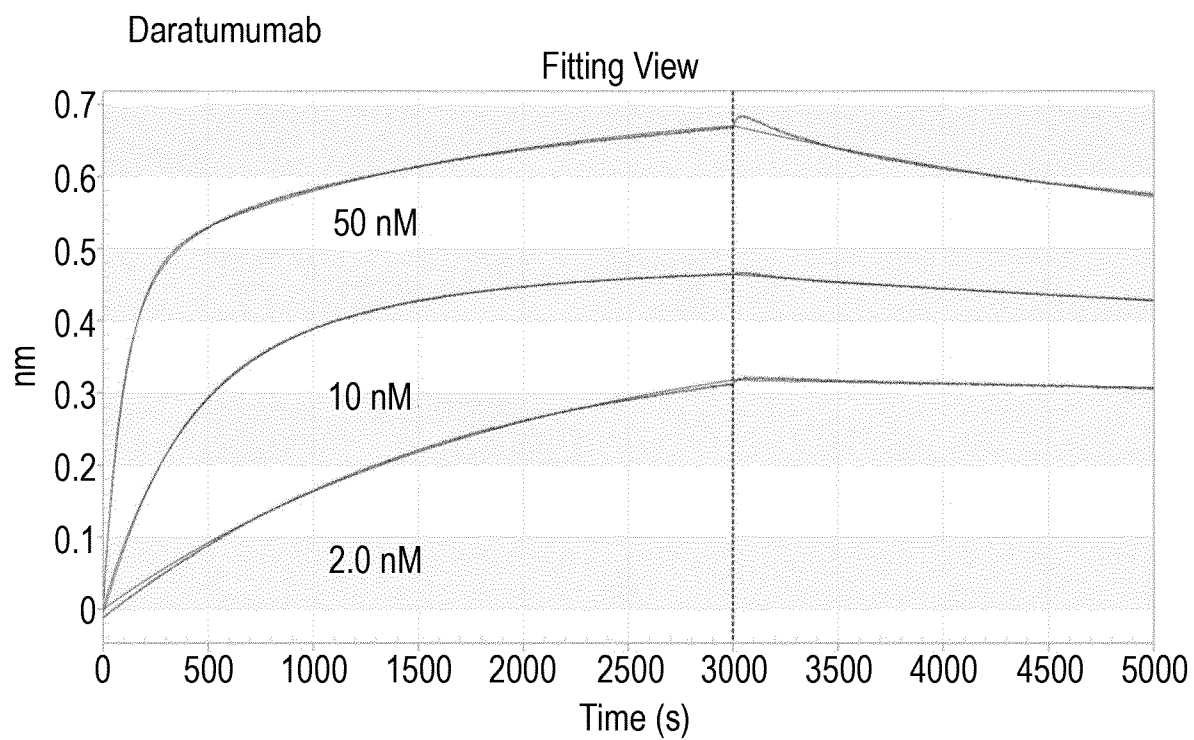
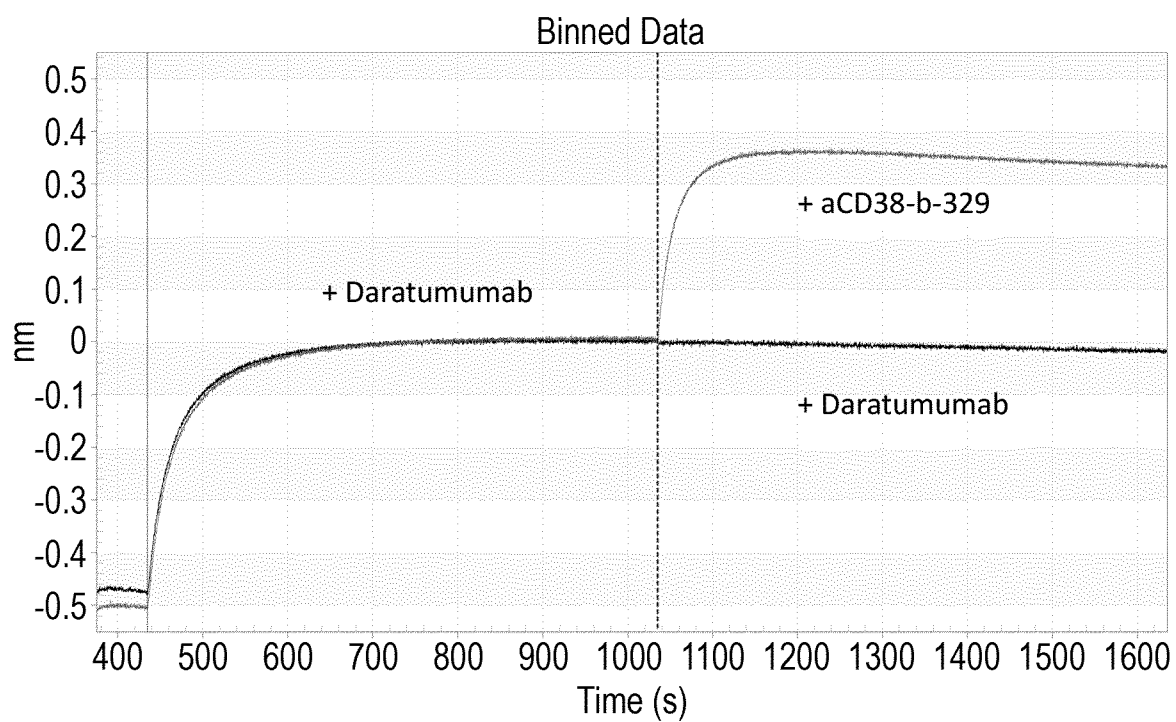
FIGURE 12**A)****B)**

FIGURE 13**FIGURE 14**

Bi-layer interferometry binding analysis of purified aCD38-b-329 (IgG1) to rhCD38-his tag on the Octet Red 96 instrument

