

1/20

FIG. 1

		Leader					
		10	20	30	40	50	60
hROR2	MARGSALPRRPLL	CIPAVWAAAA	LLLSVSR	TSGEVEV	LDPNDPL	GLDGGD	GPIPTLKGY
mROR2	WVL.S.VP..	AR...T.....	WTFW.A....	DSEAI.T..	QP..P.S.L.....		
		Ig-Like Domain					
		70	80	90	100	110	120
hROR2	FLNFLEPVNNIT	IVQGQT	AILHCKV	AGNPP	PVNRWL	KNDAPV	VVQEPRRII
mROR2	VV.....						
		130	140	150	160	170	180
hROR2	RIQDLDTTDTG	YYQCVAT	NGMKTIT	ATGVL	FVRLG	PTSPNHN	FQDDYHED
mROR2	L.....						
		CRD					
		190	200	210	220	230	240
hROR2	ACARFIGNRTI	YVDSLQ	MQGEIEN	RITAAFT	MIGTST	HLSDQCS	QFAIPSF
mROR2	Q.....						
		250	260	270	280	290	300
hROR2	ARSRTPKPRE	LCRDECE	VLES	DLCRQE	YTIARS	NPLIL	MRLQLPK
mROR2	.C..A.....						
		Kringie					
		310	320	330	340	350	360
hROR2	MRIGIPAERL	GRYHQCY	NGSGMD	YRGTA	STTKSG	HQCQP	WALQHP
mROR2	A....						
		370	380	390	400		
hROR2	GHAYCRNPGG	QMEGPWC	FTQKNV	RMELCD	VPSCSP	RDSSKMG	
mROR2	V.....						

4G9 VH AC090843 MICHV1-15*01	K L									
	FR1-IMGT (1-26)		CDR1-IMGT (27-38)		FR2-IMGT (39-55)					
	1	10 20 30 40 50								
	 QVQLQSGA.ELVRFQASVLSCKAL GYTF...TDYE MHWVKQTFVHGLEWICA QVQLQSGA.ELVRFQASVLSCKAS GYTF...TDYE MHWVKQTFVHGLEWICA									
4G9 VH AC090843 MICHV1-15*01	T SR									
	CDR2-IMGT (56-65)		FR3-IMGT (66-104)		CDR3		FR4			
	60	70 80 90 100								
	 IRPG..SGGT AYQKFK.GKATLTADKSSSTAYMELESLHSNVAIVYCTR RPRFYGMDY WQDGTSTVTVSS IDEE..TCGT AYQKFK.GKATLTADKSSSTAYMELESLHSNVAIVYCTR									
4G9 VK AJ231263 MICKV2-137*01	H G S									
	FR1-IMGT (1-26)		CDR1-IMGT (27-38)		FR2-IMGT (39-55)					
	1	10 20 30 40 50								
	 DIVMTQAAPSVFVTGEGSVLSICRSS KSLLES.NGNTY LYWFQRFQGGSPQLLIY DIVMTQAAPSVFVTGEGSVLSICRSS KSLLES.NGNTY LYWFQRFQGGSPQLLIY									
4G9 VK AJ231263 MICKV2-137*01										
	CDR2-IMGT (56-65)		FR3-IMGT (66-104)		CDR3		FR4			
	60	70 80 90 100								
	 RM.....S NLASGVF.DRFSGSG..SGTATLRISRVAEADVGVVYC MQLLEYPLT VGACTKLELER RM.....S NLASGVF.DRFSGSG..SGTATLRISRVAEADVGVVYC MQLLEYP									

FIG. 2B

[illegible]

FIG. 2C

SG3_VH AF064445 mIGHV10-1*02	FR1-IMGT (1-26)				CDR1-IMGT (27-38)				FR2-IMGT (39-55)			
	1	10	20	30	40	50						
	EVQLVESGGCLVQPGKSLKLSCAASGFTF...NTYA MNVROAPCKGLEWVAR											
SG3_VH AF064445 mIGHV10-1*02	CDR2-IMGT (56-65)				FR3-IMGT (66-104)				CDR3			
	60	70	80	90	100							FR4
	IRSKNNYATYYADSVK...DEFTISRDPSQSMHLQNNLKTEDTAMTYCVR HGSELYAMDY WGQGTGVTSS											
SG3_VK AF003294 mICKV9-124*01	FR1-IMGT (1-26)				CDR1-IMGT (27-38)				FR2-IMGT (39-55)			
	1	10	20	30	40	50						
	DIQMTQ6PSSLSASLGERVSLTCRASQEI...SGYLSWLQQRDGTINRLIY											
SG3_VK AF003294 mICKV9-124*01	CDR2-IMGT (56-65)				FR3-IMGT (66-104)				CDR3			
	60	70	80	90	100							FR4
	AA...S TLDSGVP.KRFSGSR..SGSYSLTSSLESSEDFADPYC LQYASYPYT FGGCTKLEIK											

FIG. 2D

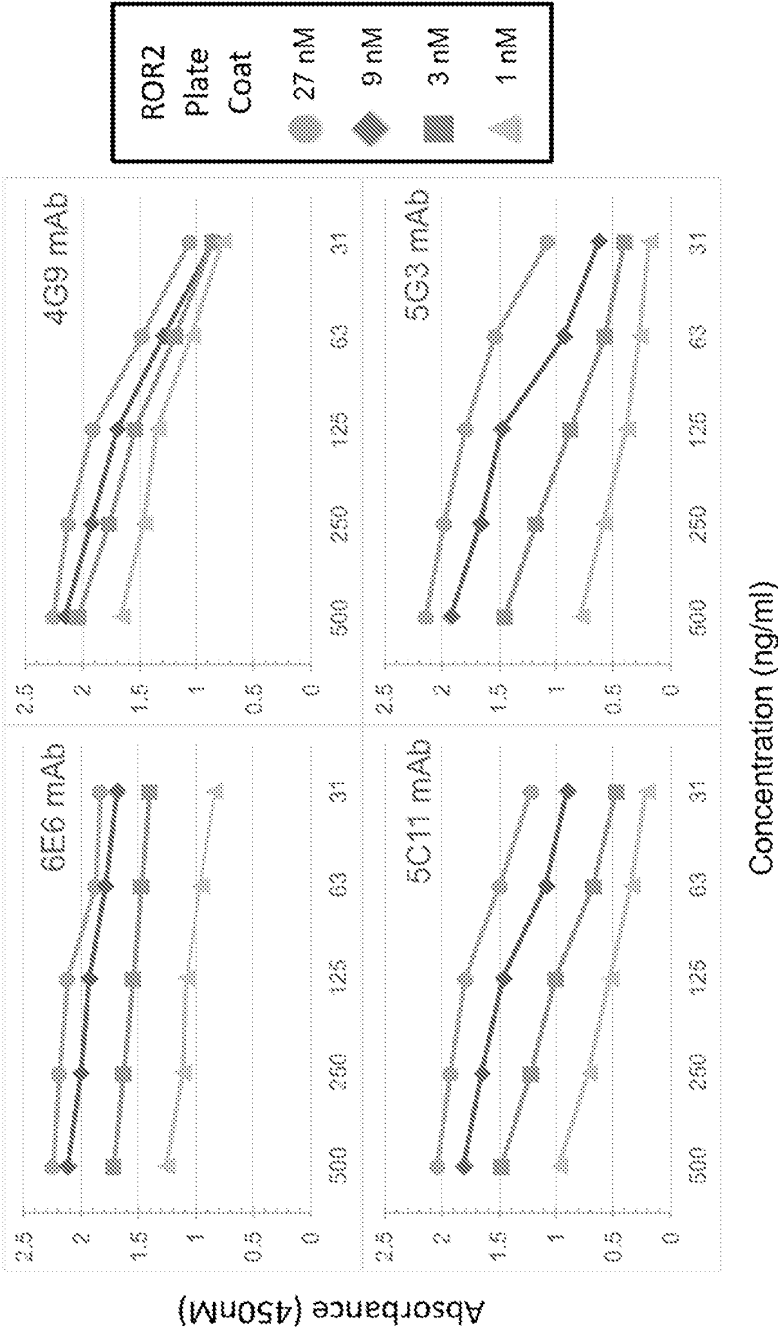
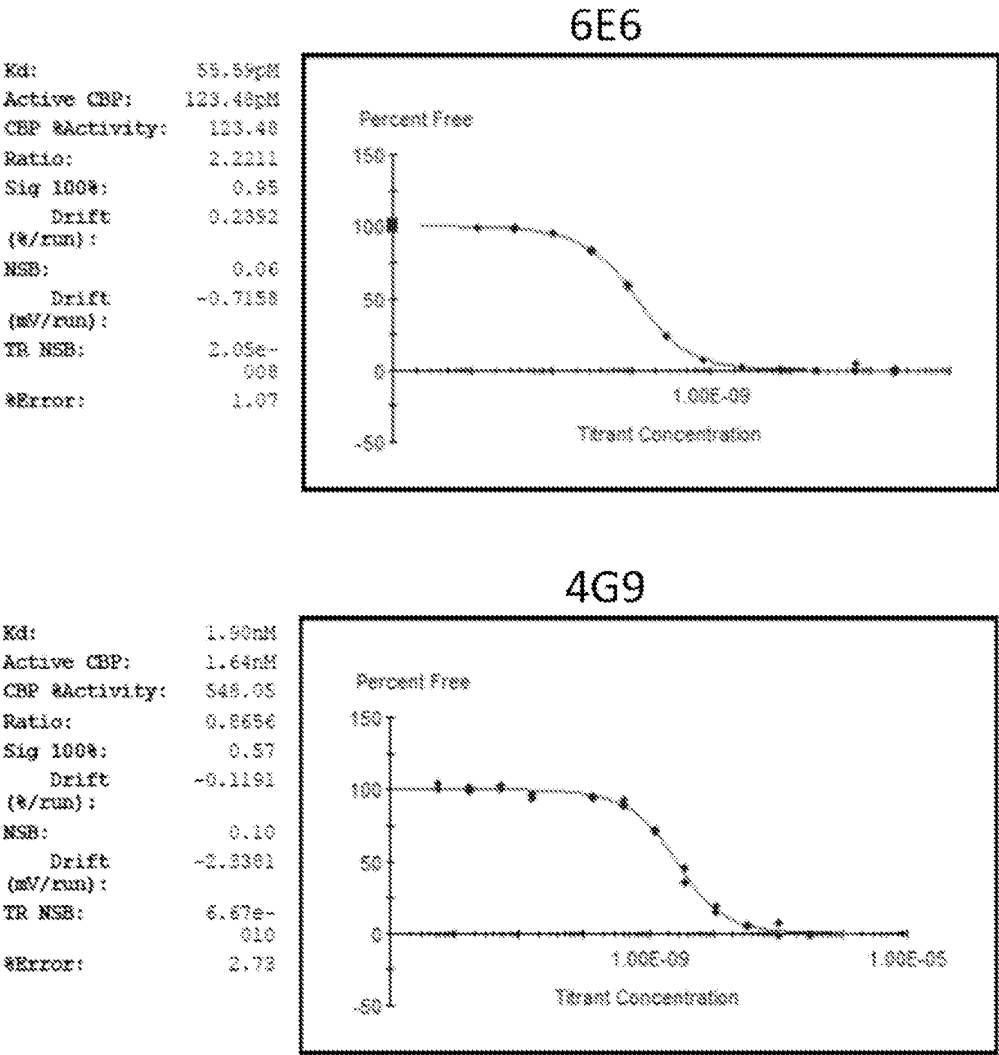


FIG. 3

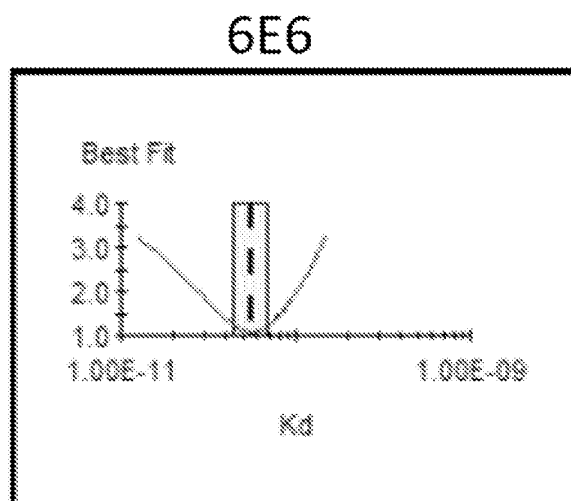
FIG. 4A



8/20

FIG. 4B

Kd: 55.59pM
95% confidence interval
Kd High: 69.01pM
Kd Low: 44.53pM



Kd: 1.90nM
95% confidence interval
Kd High: 3.24nM
Kd Low: 1.02nM

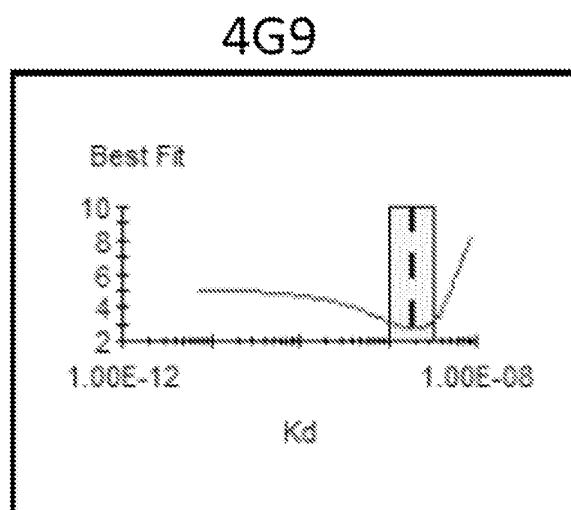
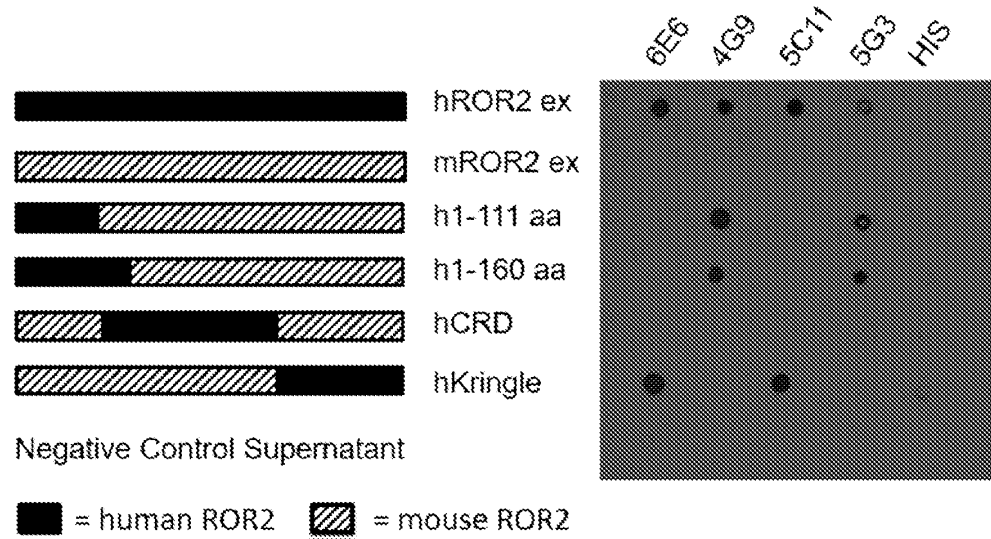


FIG. 5



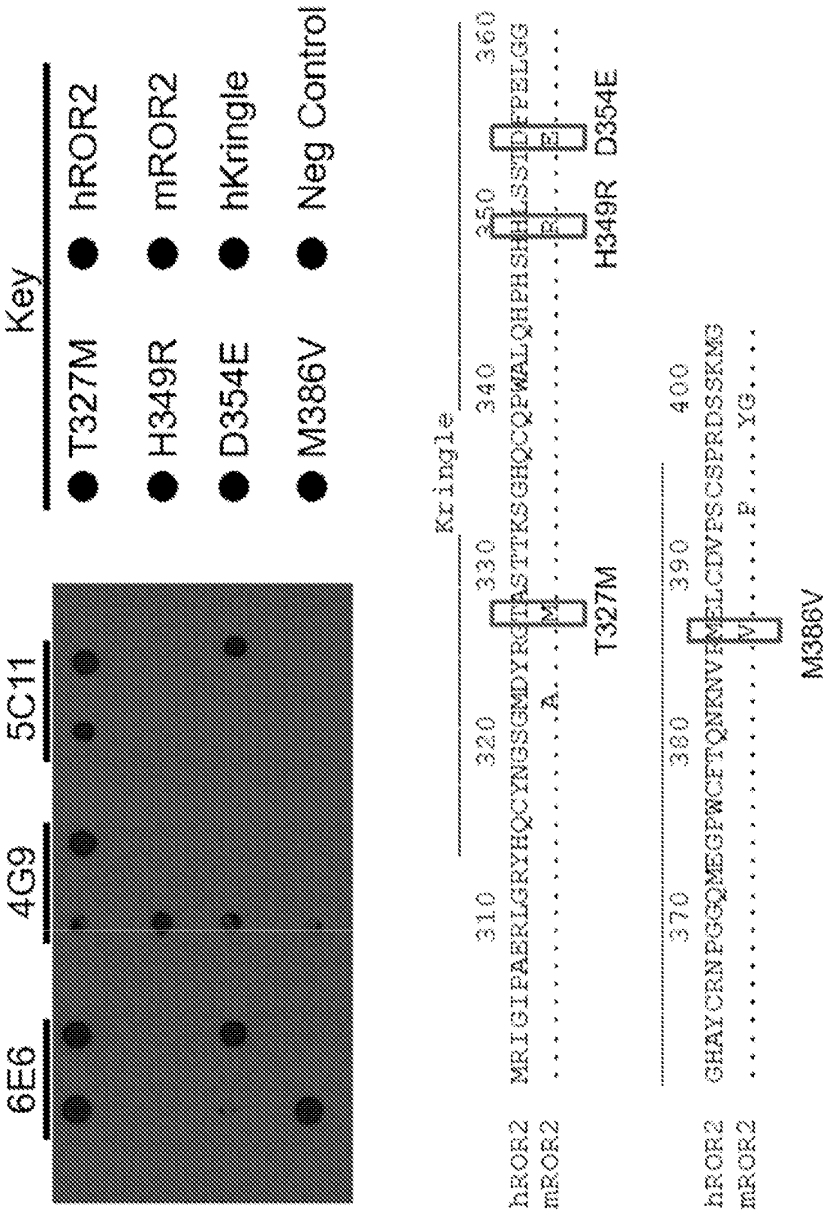


FIG. 6

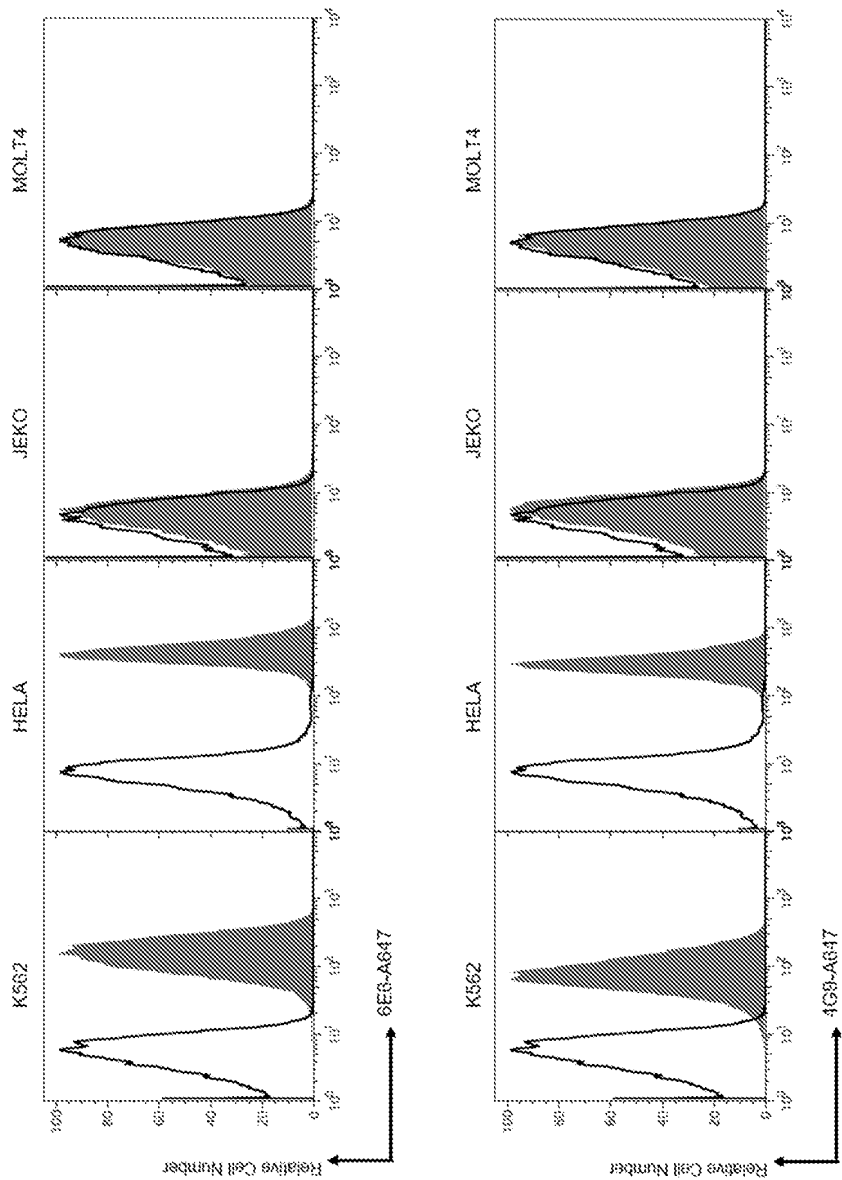


FIG. 7A

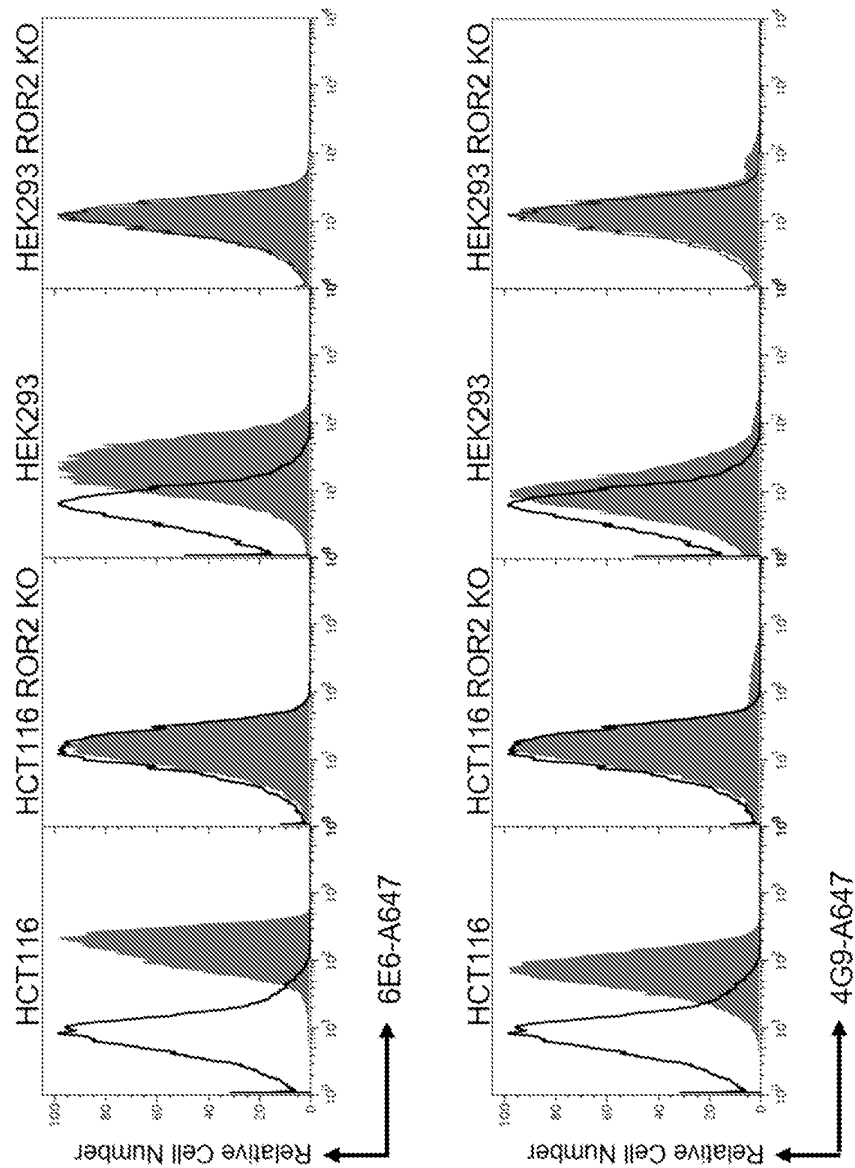
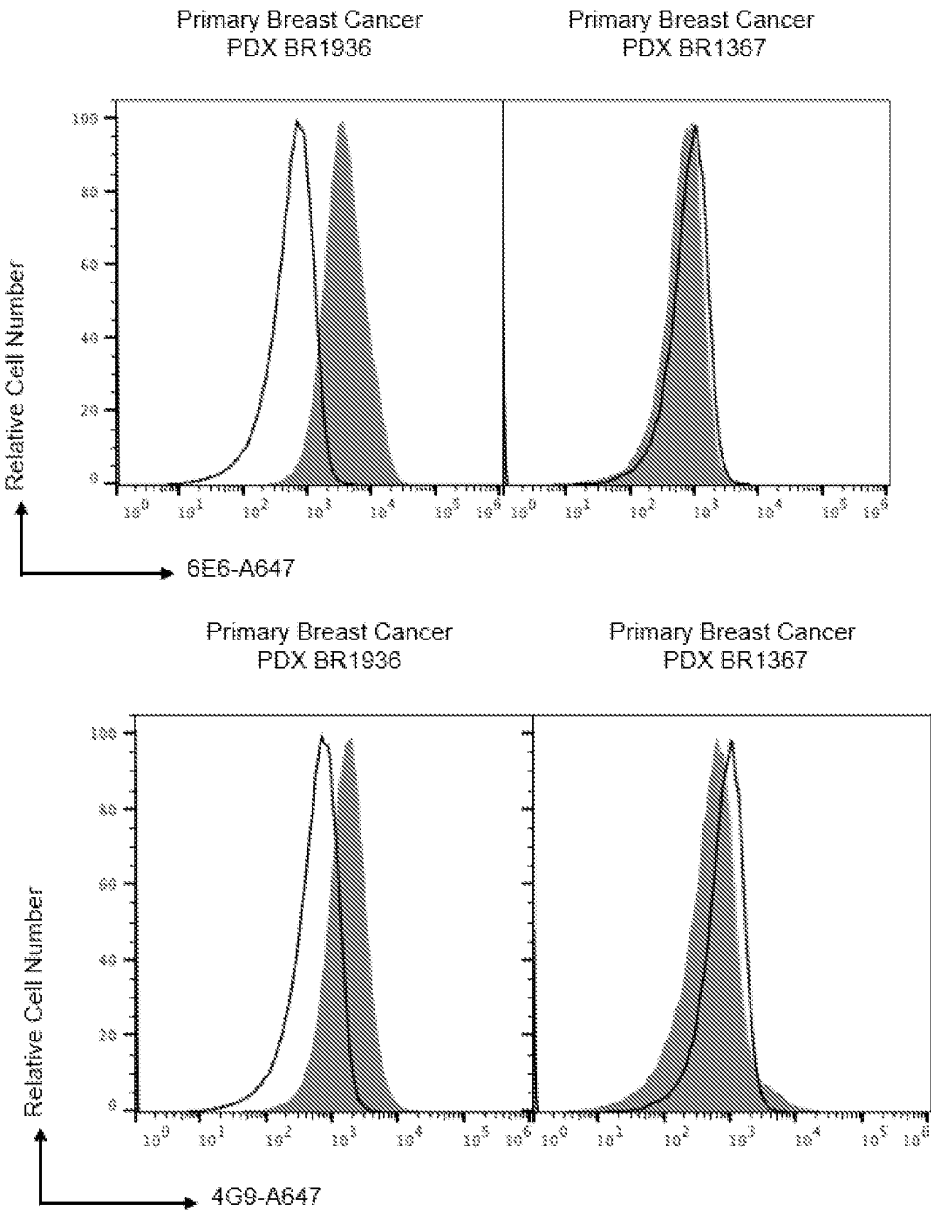


FIG. 7B

FIG. 8



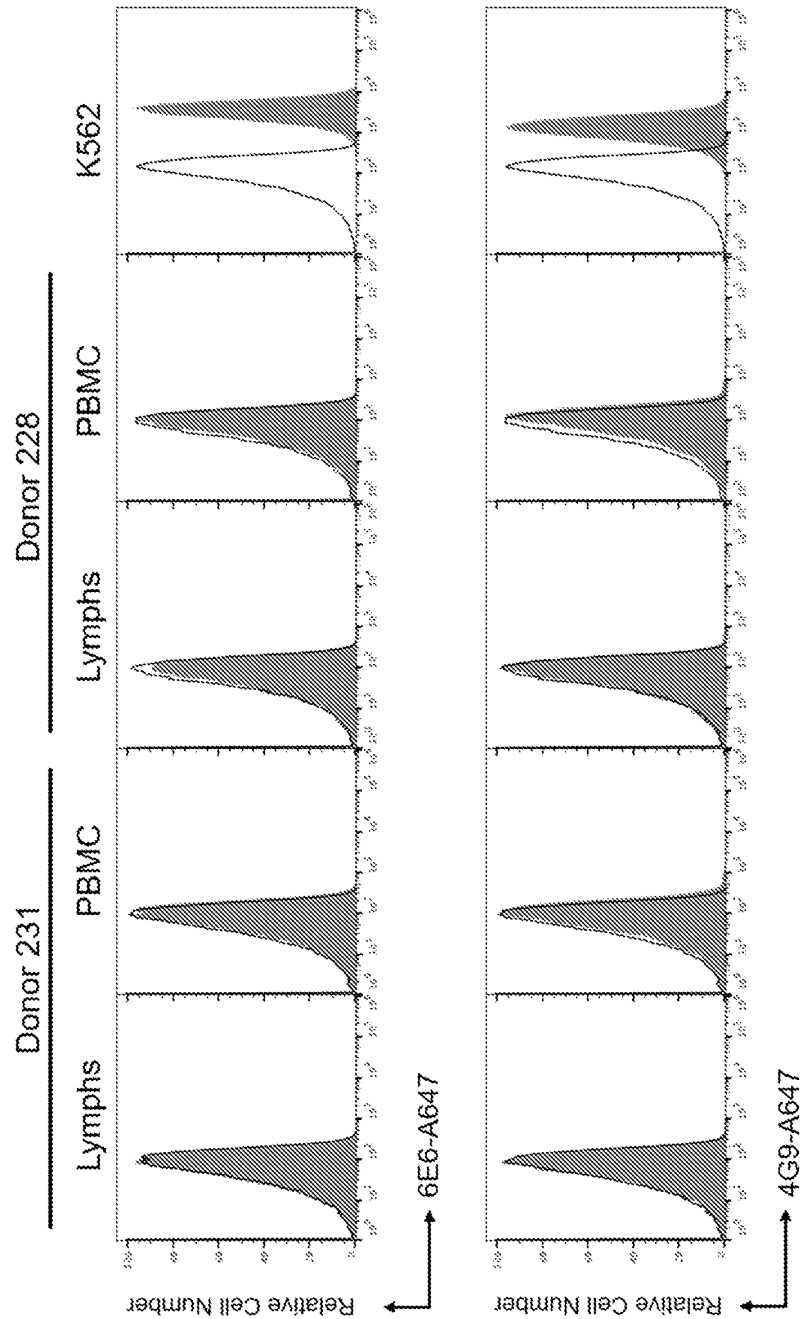


FIG. 9

FIG. 10A

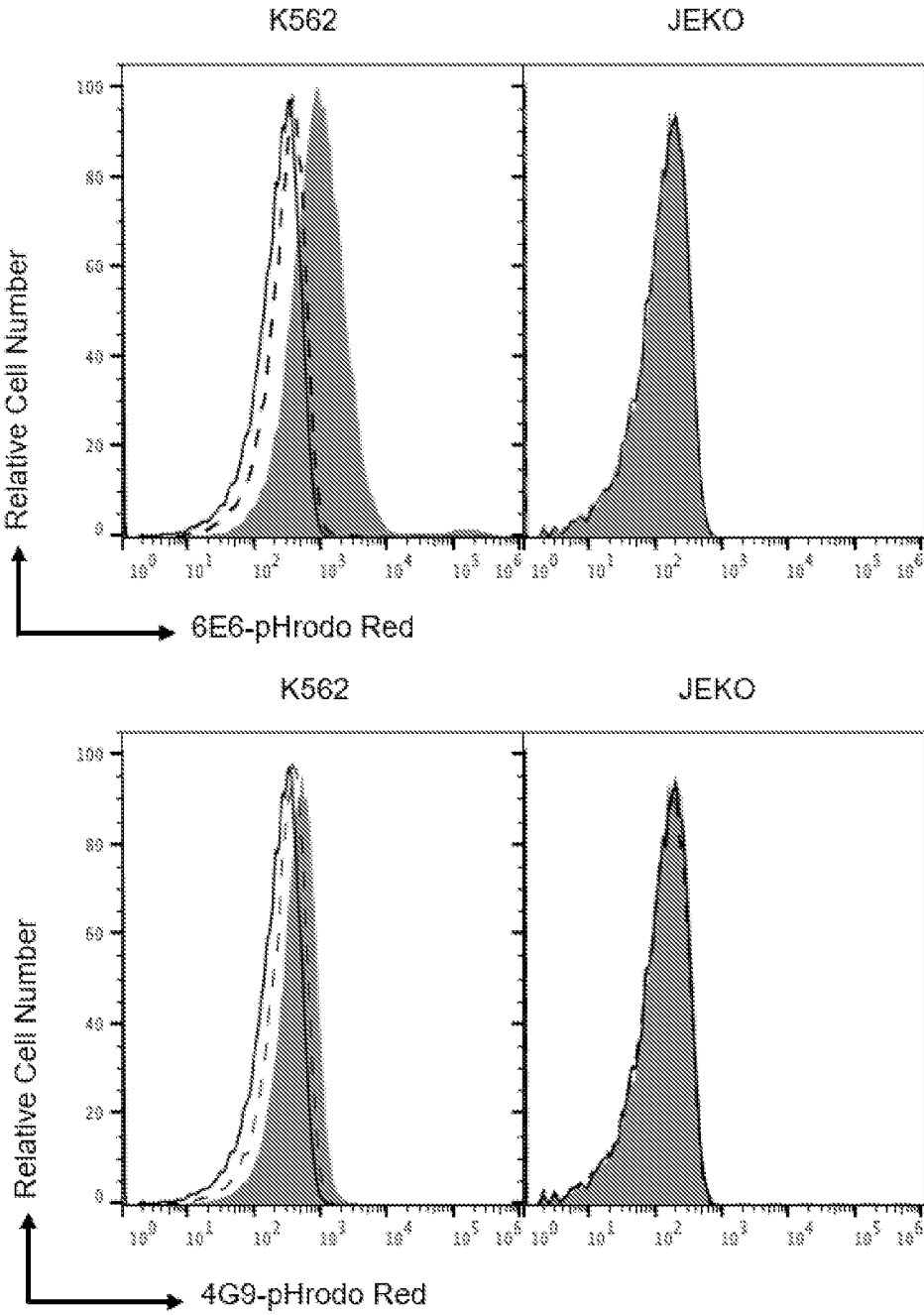


FIG. 10B

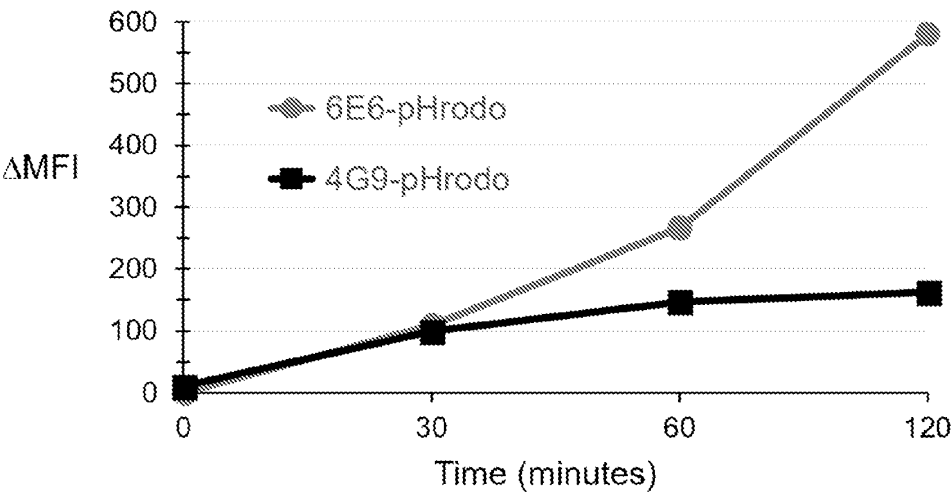
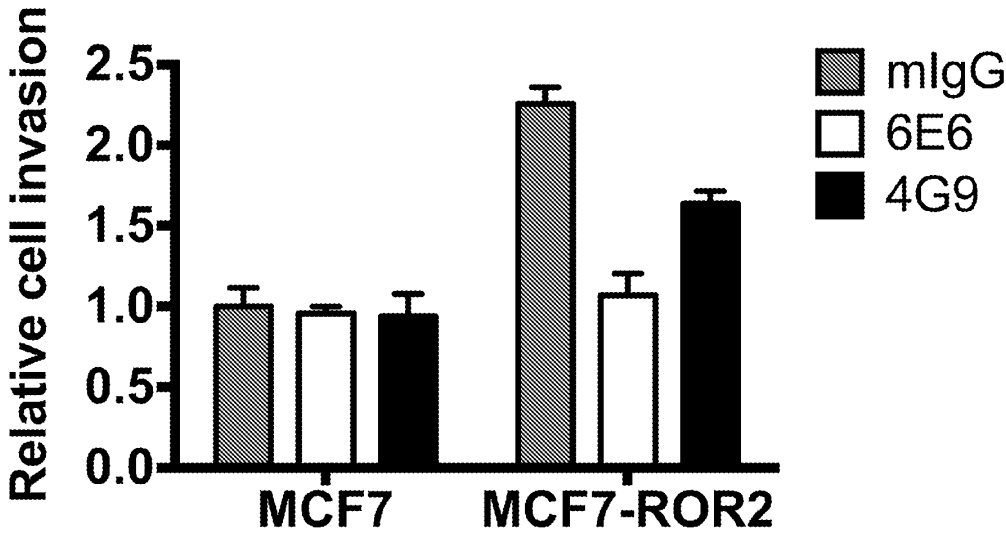


FIG. 11A



18/20

FIG. 12B

Kd: 73.71pM
95% confidence interval
Kd High: 102.03pM
Kd Low: 58.45pM

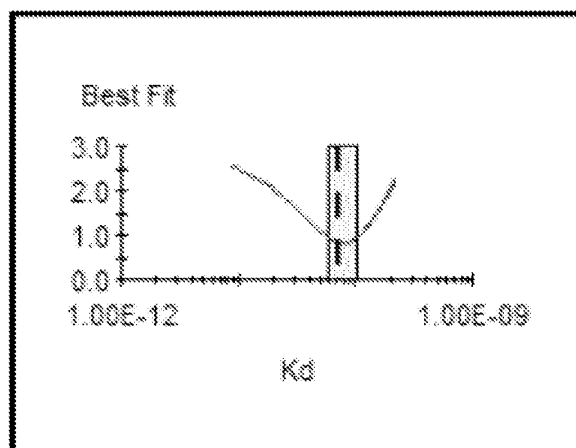
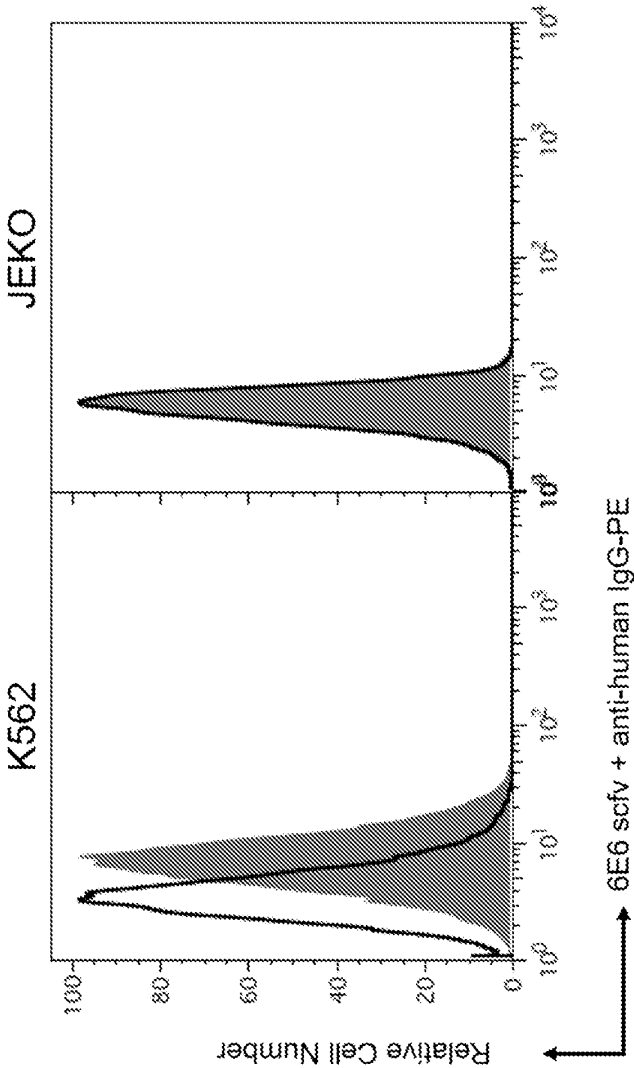


FIG. 12C



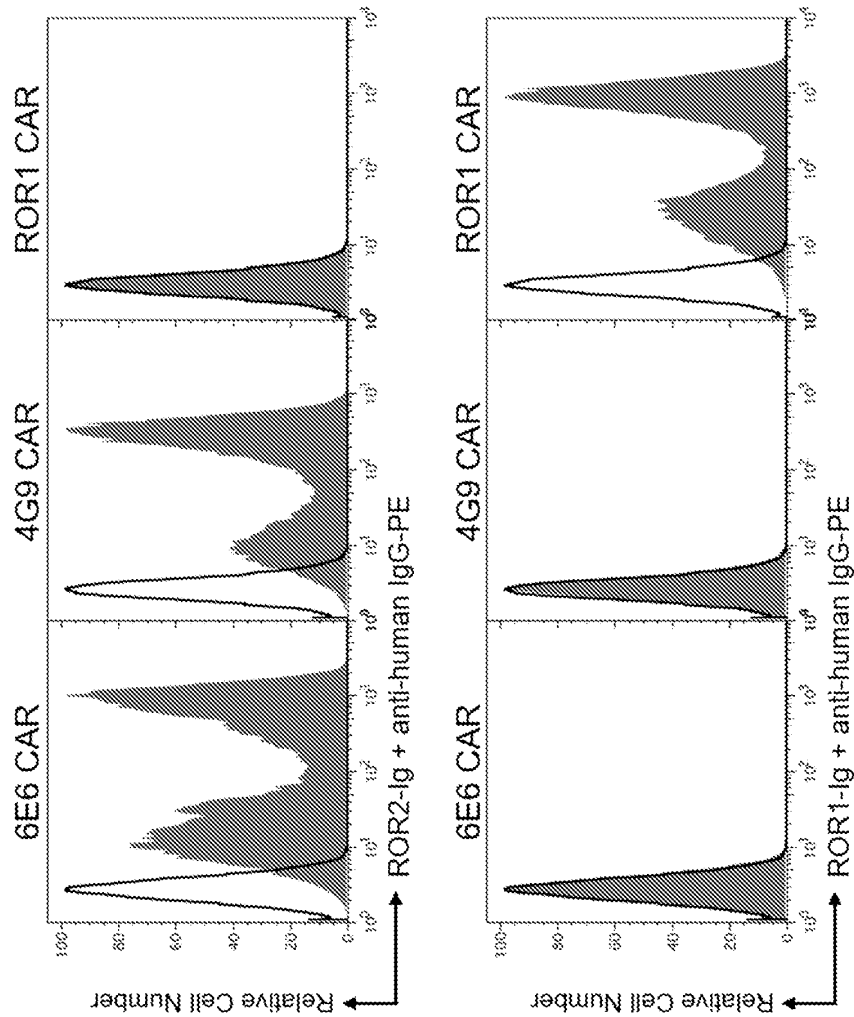


FIG. 13