

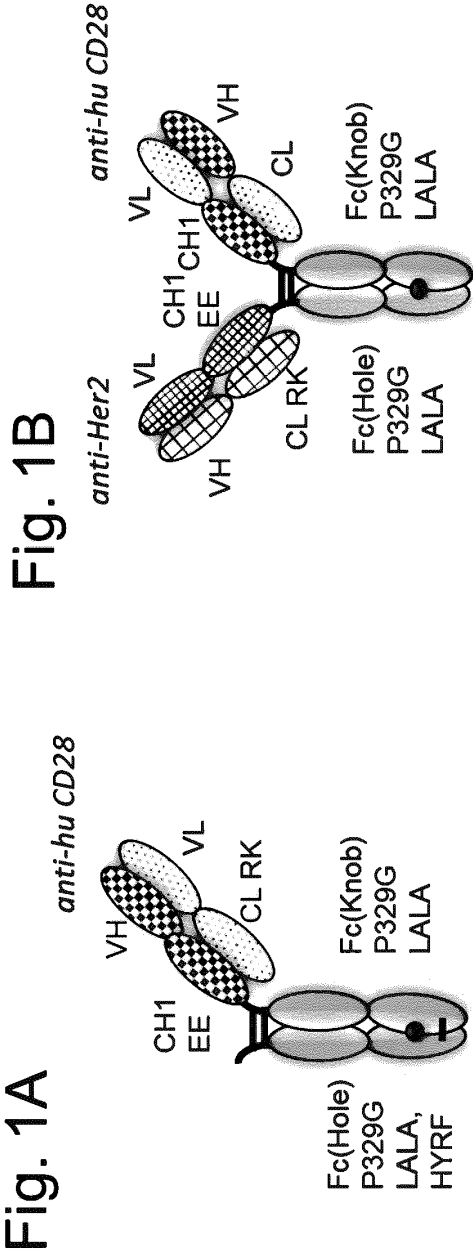
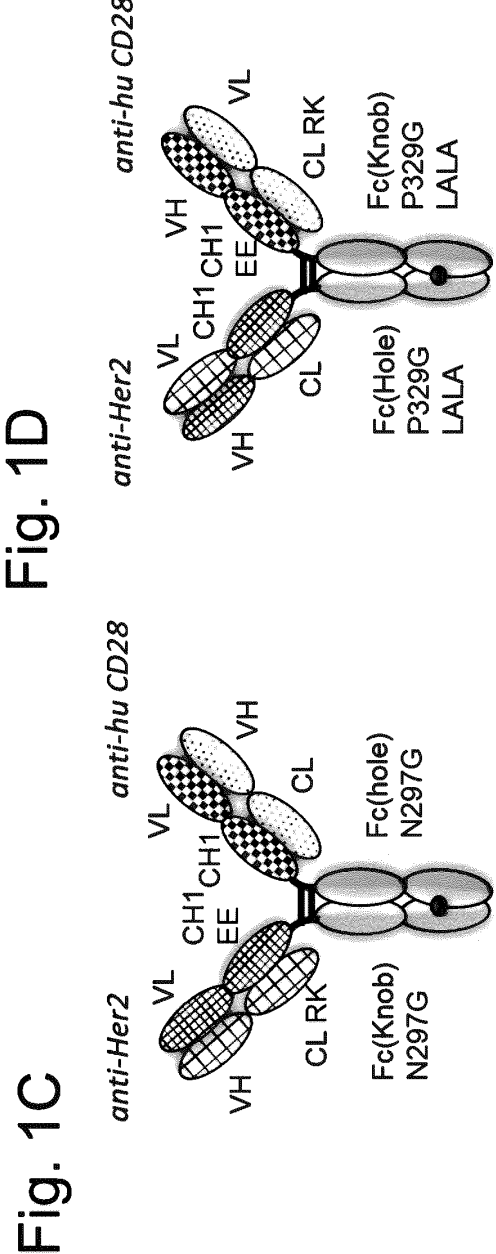
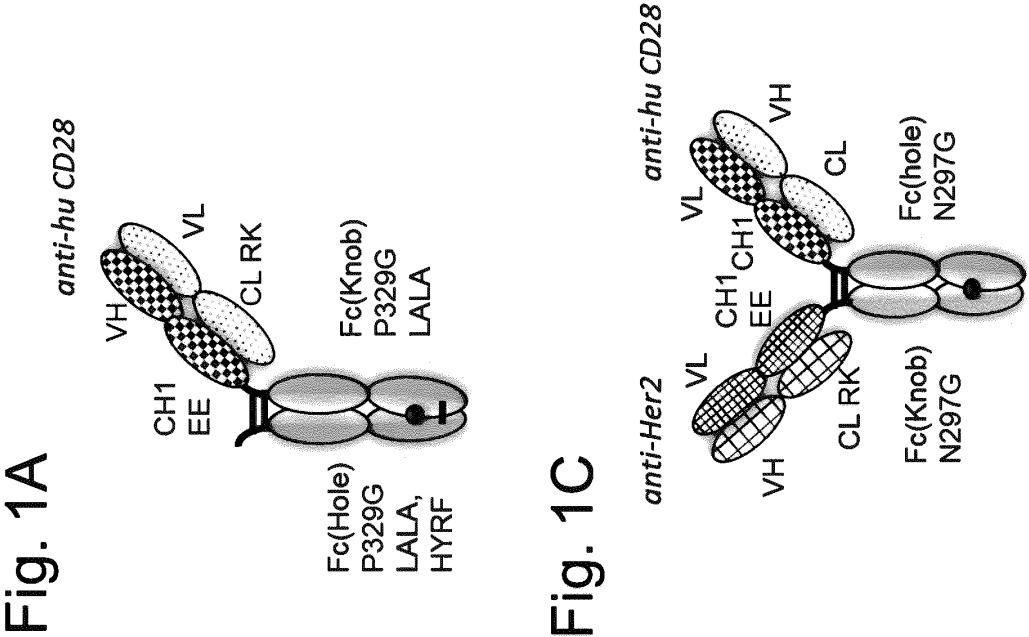
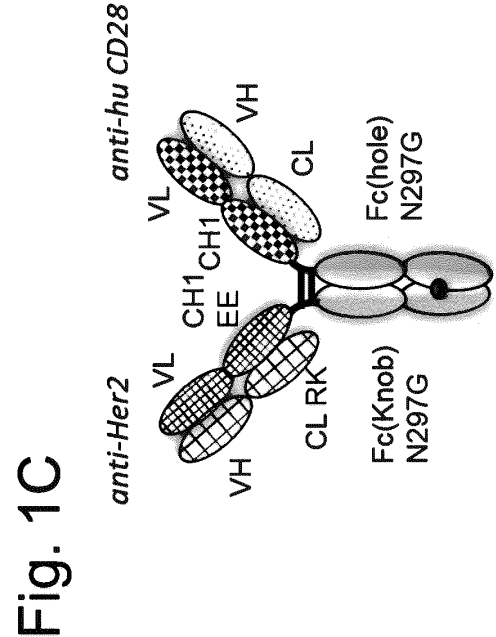


Fig. 2A

	CDR1	CDR2	CDR3
CD28 (SA)	QVQLVQSGAEVKPGASVKVSCKASGYTFSTSYIHWVRQAPGQGLEWIGSIYPCGNVNNTNNEKFKDRATLTVDTSISTAYMELSRLSRDDTAIVFCTRSHYGLDWNFDVWGQGTITVTVSS		
VH variant a	S.....	S.....Q.....	H.....
VH variant b	S.....	S.....Q.....	A.H.....
VH variant c	S.....	S.....RDGQ.....	Y.....
VH variant d	S.....	S.....Q.....	F.....
VH variant e	S.....	S.....R.Q.....	H.....
VH variant f	S.....	S.....RD.Q.....	H.....
VH variant g	S.....	S.....RD.Q.....	H.....
VH variant h	S.....	S.....RD.Q.....	H.....

Fig. 2B

	CDR1	CDR2	CDR3
Herceptin VH	EVQLVESGGGLVQPGGSLRLSCAASGFRNIKDTYIHWVRQAPGKGLEWVARIIYPTNGYTRYADSVKGRFTISADTSKNTAYLQMNLSRAEDTAVIYCSPRWGGDGFYAMDYWGQGTITVTVSS		
VH variant i	TFTSY.....	S...G.VN.....	T.SHYGLDWNF.V.....T.....
VH variant j	TFTSY.....	S...G.VA.....	T.SHYGLDWNF.V.....T.....

Fig. 2C

	CDR1	CDR2	CDR3
CD28 (SA)	DIQMTQSPSSLSASVGDRTVITQHASQNIYVWLNIHWYQQKPGKAPKLLINQKASNLHGTGVPSPRFGSGSGTDFTLTISLTQPEDFATYYCQQGQTYPYTFGGGKVEIK		
VL variant k	H.....	YT.S.S.....	A.....
VL variant l	F.....	YT.S.S.....	A.....
VL variant m	Y.....	YT.S.S.....	A.....
VL variant n	G.SNY.....	YT.S.S.....	A.....
VL variant o	G.SNY.....	YT.S.S.....	A.....
VL variant p	G.SNH.....	YT.S.S.....	A.....
VL variant q	G.SNH.....	YT.S.S.....	A.....
VL variant r	G.SNH.....	YT.S.S.....	A.....
VL variant s	G.S.Y.....	YT.S.S.....	A.....

	CDR1	CDR2	CDR3
Herceptin VL	DIQMTQSPSSLSASVGDRTVITQCRASQDNTAVAWYQQKPGKAPKLLISASLTYSVGPSPRFGSGSGTDFTLTISLTQPEDFATYYCQQHYTTPPTTFGGGKVEIK		
VL variant t	NIYVWLNI.....	K.N.....	GQ.Y.Y.....L.....

Fig. 2D

	CDR1	CDR2	CDR3
Herceptin VL	DIQMTQSPSSLSASVGDRTVITQCRASQDNTAVAWYQQKPGKAPKLLISASLTYSVGPSPRFGSGSGTDFTLTISLTQPEDFATYYCQQHYTTPPTTFGGGKVEIK		
VL variant t	NIYVWLNI.....	K.N.....	GQ.Y.Y.....L.....

Fig. 3A

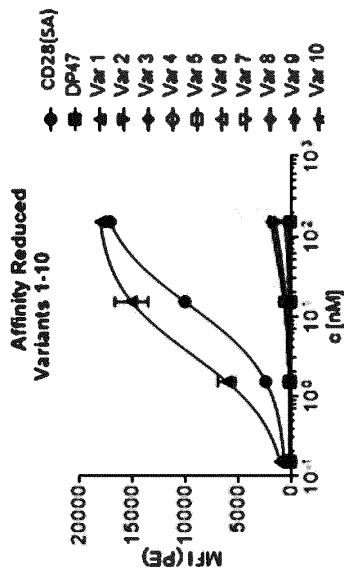


Fig. 3B

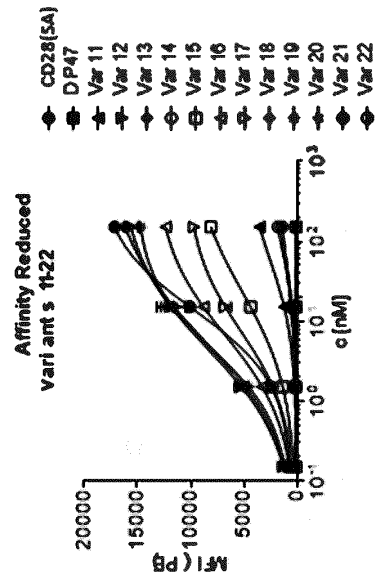


Fig. 3C

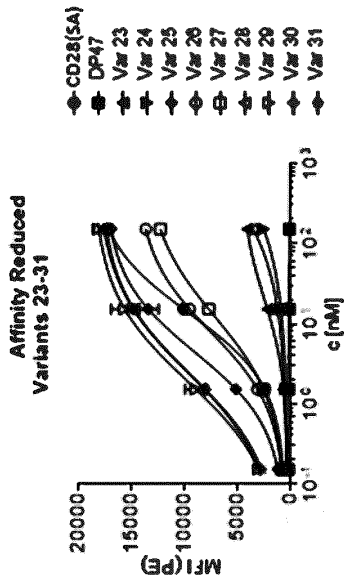


Fig. 4A

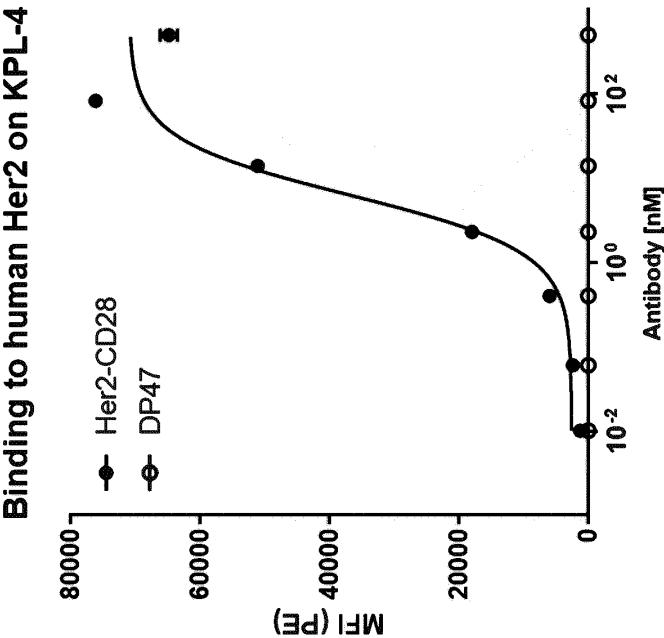


Fig. 4B

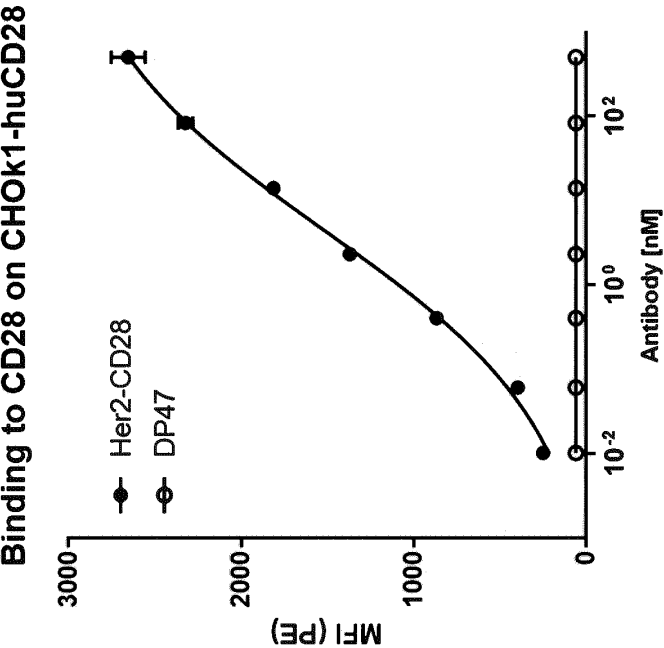


Fig. 5

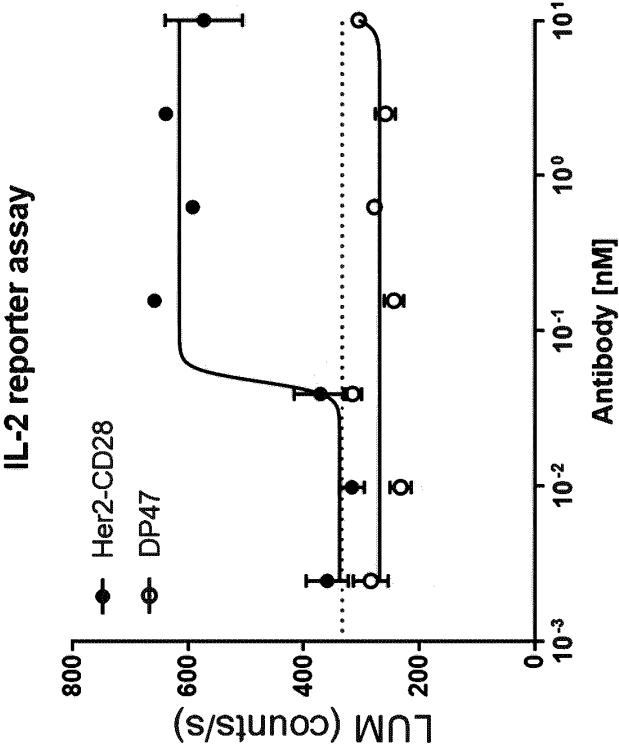


Fig. 6A

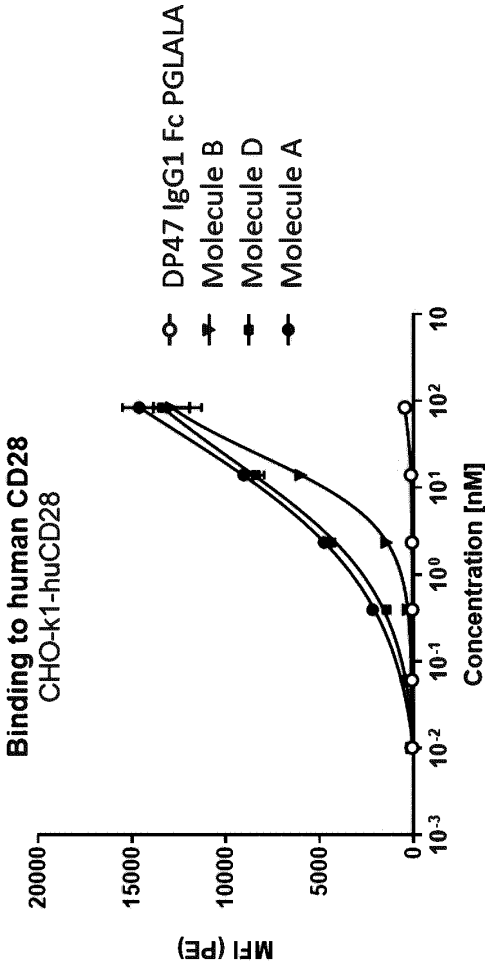


Fig. 6B

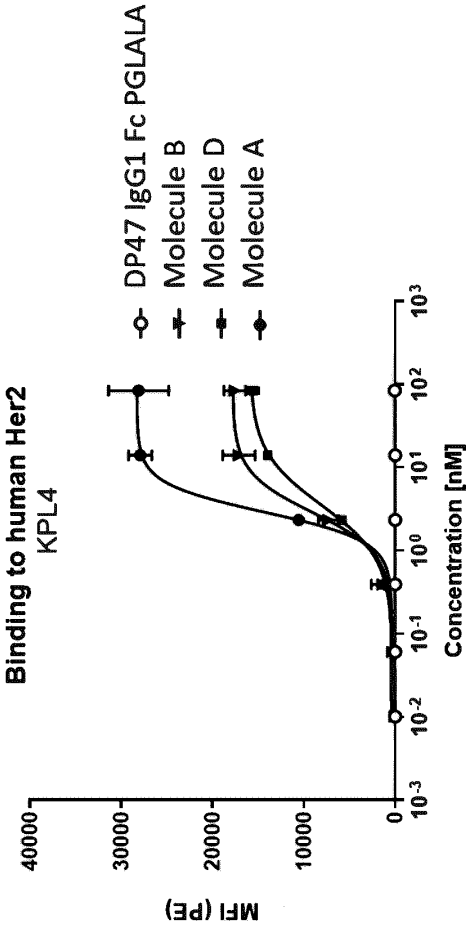


Fig. 7A

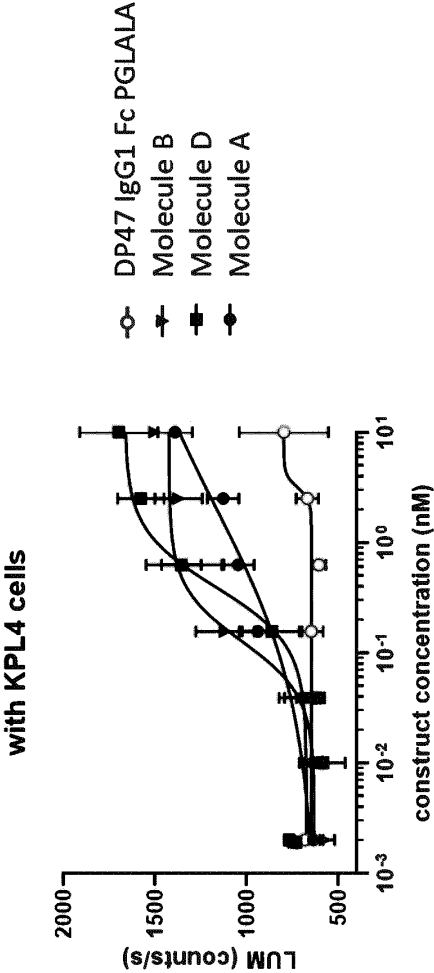


Fig. 7B

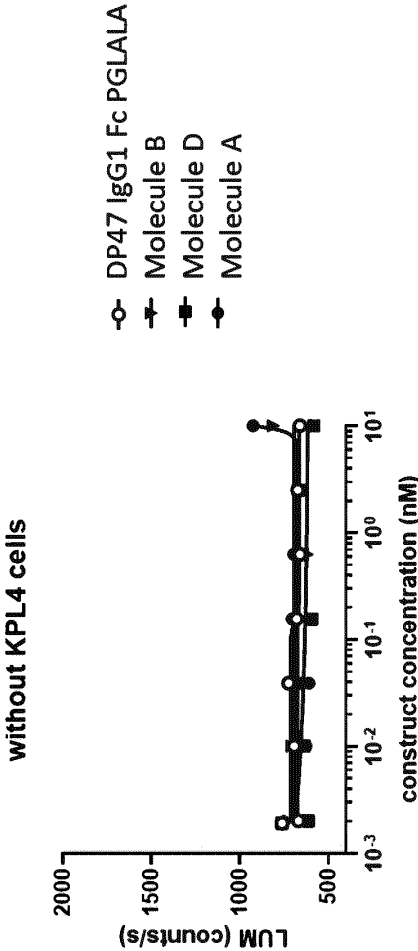


Fig. 8B

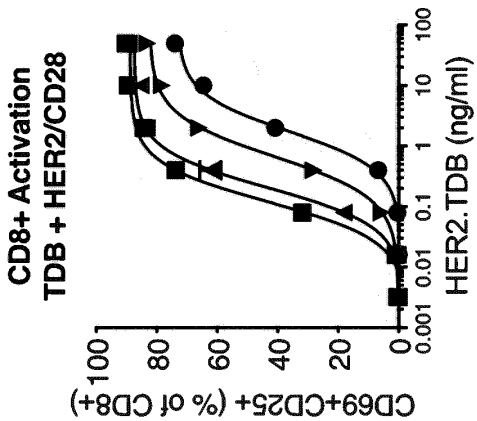


Fig. 8A

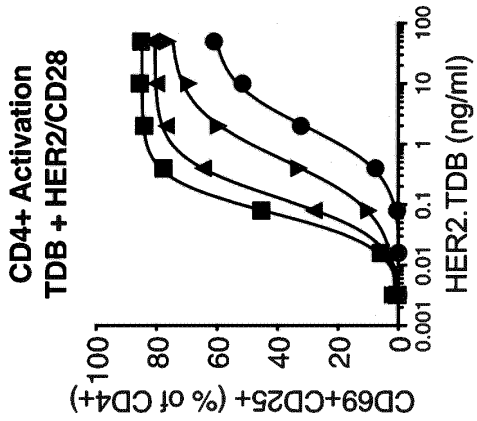


Fig. 8C

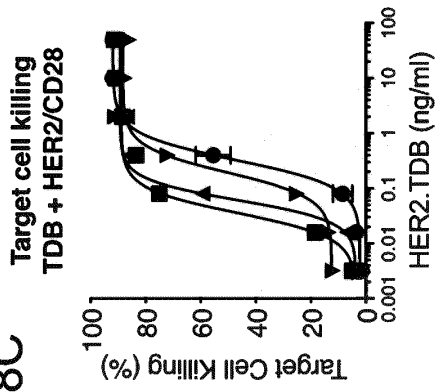


Fig. 9A

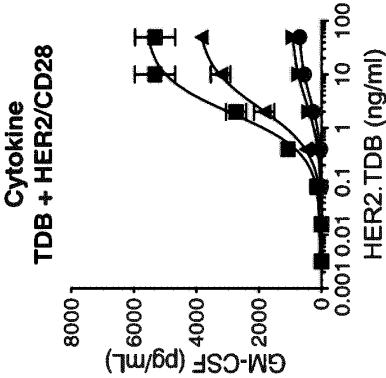


Fig. 9B

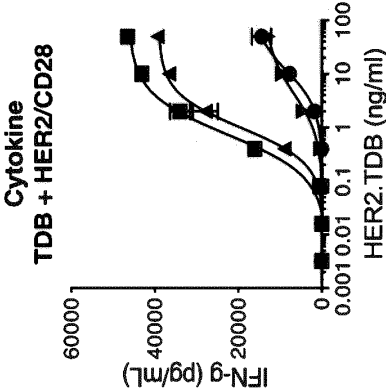


Fig. 9C

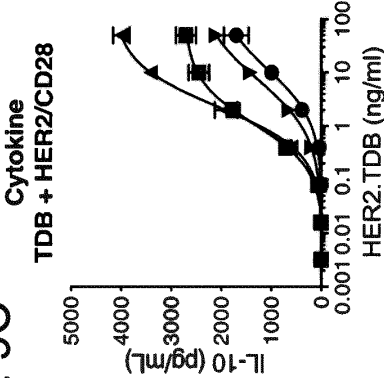
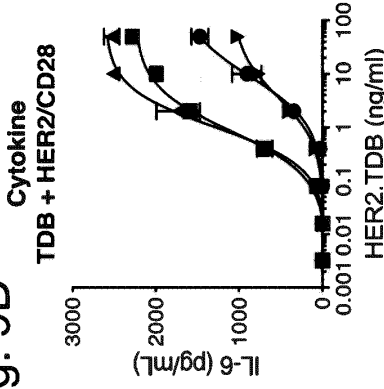


Fig. 9D



- TDB only
- TDB + 2C4/CD28
- ▲ TDB + 4D5/CD28
- ▼ TDB + CD28 bivalent

Fig. 9E

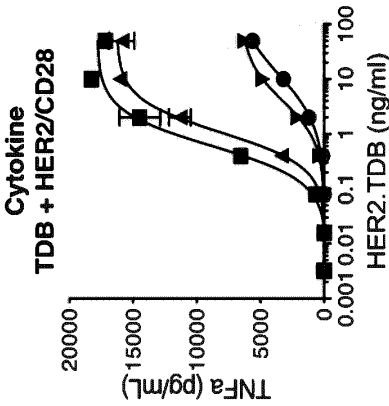


Fig. 9F

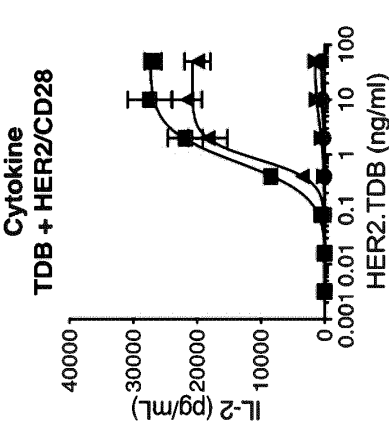


Fig. 9G

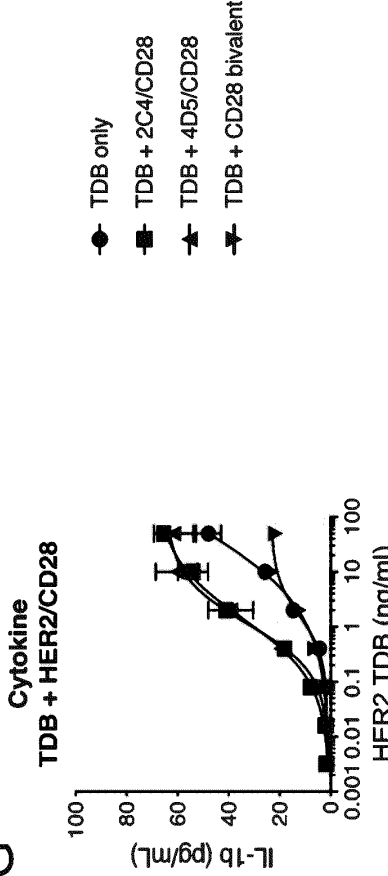


Fig. 10A

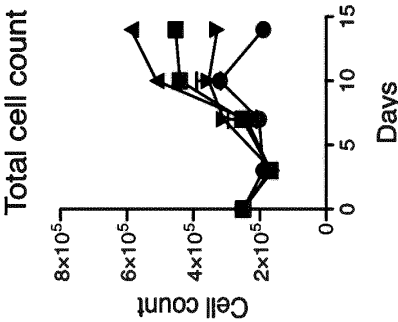


Fig. 10B

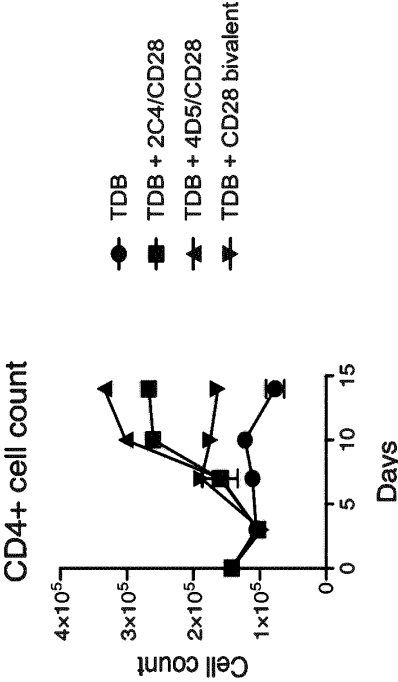


Fig. 10C

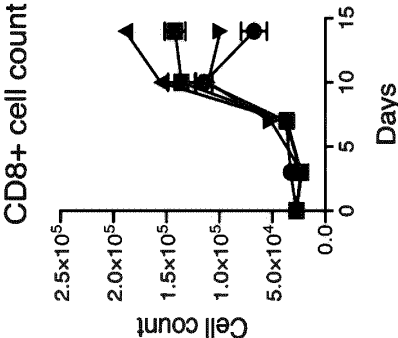


Fig. 10D

