

	HCDR1	HCDR2	HCDR3	LCDR1	LCDR1	LCDR3
Cross3 (Parental)	GFTFNTYA	IRSKYNNYAT	VRHGNFGNSYVSWFAY	TGAVTTSNY	GTN	ALWYSNLWV
Cross303	GFTFNTYA	IRSKYNNYAT	VRHGMFGNSYVSWFAY	TGAVTTSNY	GTN	ALWYSNLWV
Cross307	GFTFNTYA	IRSKYNNYAT	VRHGNFGN E YVSWFAY	TGAVTTSNY	GTN	ALWYSNLWV
Cross308	GFTFNTYA	IRSKYNNYAT	VRHGNFGN P YVSWFAY	TGAVTTSNY	GTN	ALWYSNLWV
Cross309	GFTFNTYA	IRSKYNNYAT	VRHGNFGN V YVSWFAY	TGAVTTSNY	GTN	ALWYSNLWV
Cross310	GFTFNTYA	IRSKYNNYAT	VRHGNFGN Y YVSWFAY	TGAVTTSNY	GTN	ALWYSNLWV
Cross311	GFTFNTYA	IRSKYNNYAT	VRHGNFGN S EVSWFAY	TGAVTTSNY	GTN	ALWYSNLWV
Cross312	GFTFNTYA	IRSKYNNYAT	VRHGNFGNSY H SWFAY	TGAVTTSNY	GTN	ALWYSNLWV
Cross313	GFTFNTYA	IRSKYNNYAT	VRHGNFGNSY Q SWFAY	TGAVTTSNY	GTN	ALWYSNLWV
Cross314	GFTFNTYA	IRSKYNNYAT	VRHGNFGNSY S SWFAY	TGAVTTSNY	GTN	ALWYSNLWV
Cross316	GFTFNTYA	IRSKYNNYAT	VRHGNFGNSYVSWF L Y	TGAVTTSNY	GTN	ALWYSNLWV
Cross317	GFTFNTYA	IRSKYNNYAT	VRHGNFGNSYVSWF A G	TGAVTTSNY	GTN	ALWYSNLWV
Cross318	GFTFNTYA	IRSKYNNYAT	VRHGNFGNSYVSWF A M	TGAVTTSNY	GTN	ALWYSNLWV
Cross323	GFTFNTYA	IRSKYNNYAT	VRHGNFGNSYVSWF A Y	TGAVTTSNY	GTN	ALWY P NLWV
Cross325	GFTFNTYA	IRSKYNNYAT	VRHGNFGNSYVSWFAY	TGAVTTSNY	GTN	ALWYSN D WV
Cross326	GFTFNTYA	IRSKYNNYAT	VRHGNFGNSYVSWFAY	TGAVTTSNY	GTN	ALWYSN P WV
Cross3ZH07	GFTFNTYA	IRSKYNNYAT	VRHGMFGNSYVSWFAY	TGAVTTSNY	GTN	ALWY P N P WV
Cross3ZH09	GFTFNTYA	IRSKYNNYAT	VRHGNFGNSYVSWF L Y	TGAVTTSNY	GTN	ALWY P N P WV
Cross3ZH16	GFTFNTYA	IRSKYNNYAT	VRHGNFGNSYVSWFAY	TGAVTTSNY	GTN	ALWY P N D WV
Cross3ZH23	GFTFNTYA	IRSKYNNYAT	VRHGNFGN D YVSWFAY	TGAVTTSNY	GTN	ALWYSN P WV

FIG. 1

	ka (1/Ms)	kd (1/s)	KD (M)	Fold change
Cross3 (Parental)	2.04E+07	3.37E-03	1.65E-10	1
Cross309	6.76E+06	1.24E-02	1.83E-09	11.09
Cross313	2.96E+06	5.67E-03	1.92E-09	11.64
Cross308	1.07E+07	2.09E-02	1.95E-09	11.82
Cross303	4.75E+07	9.91E-02	2.09E-09	12.67
Cross325	1.42E+06	3.66E-03	2.57E-09	15.58
Cross317	2.84E+06	7.61E-03	2.68E-09	16.24
Cross326	1.41E+07	3.86E-02	2.73E-09	16.54
Cross310	2.22E+06	6.13E-03	2.77E-09	16.79
Cross323	2.86E+06	9.40E-03	3.28E-09	19.88
Cross318	1.69E+06	5.60E-03	3.32E-09	20.12
Cross316	7.28E+05	2.49E-03	3.43E-09	20.79
Cross307	1.36E+06	4.73E-03	3.47E-09	21.03
Cross312	3.05E+06	1.07E-02	3.50E-09	21.21
Cross314	2.03E+06	8.87E-03	4.37E-09	26.48
Cross311	2.11E+06	9.59E-03	4.55E-09	27.58
Cross3ZH07	1.21E+05	1.38E-03	1.14E-08	69.09
Cross3ZH16	1.41E+06	2.43E-02	1.73E-08	104.85
Cross3ZH09	2.81E+04	2.96E-03	1.05E-07	636.36
Cross3ZH23	8.15E+04	5.50E-02	6.75E-07	4090.91

FIG. 2

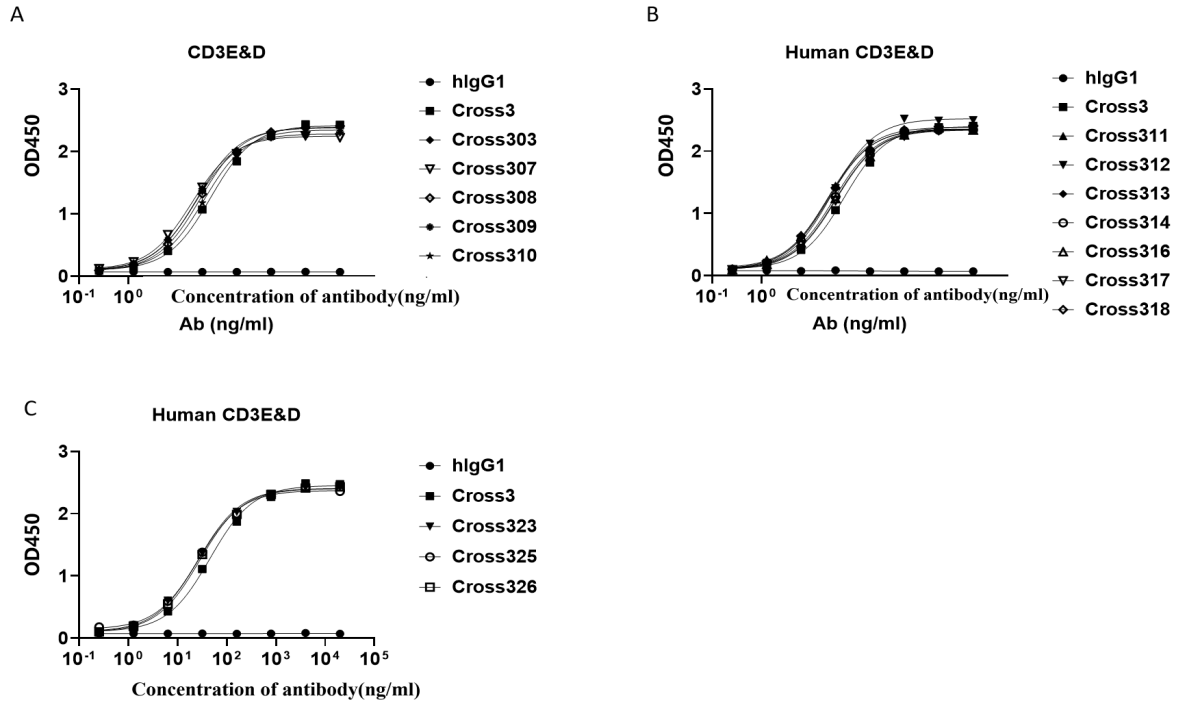


FIG. 3

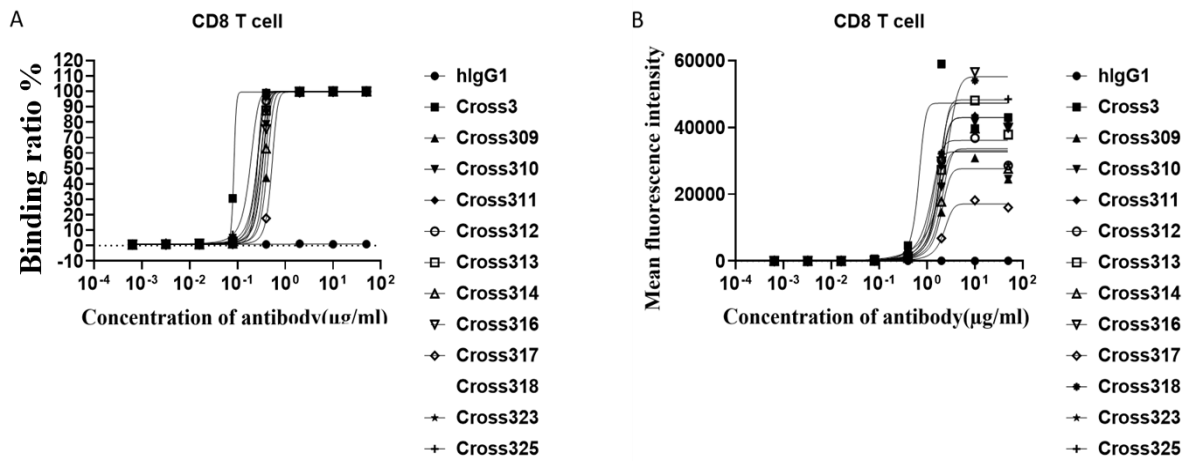


FIG. 4

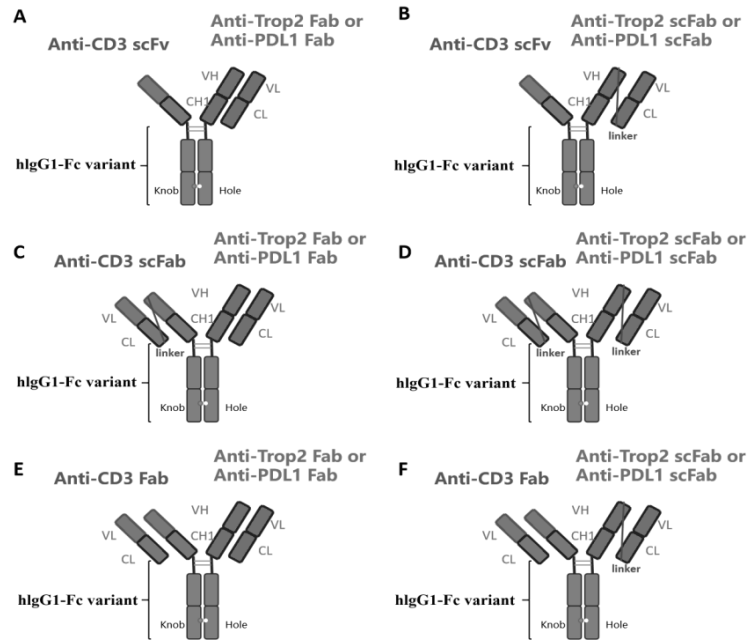


FIG. 5

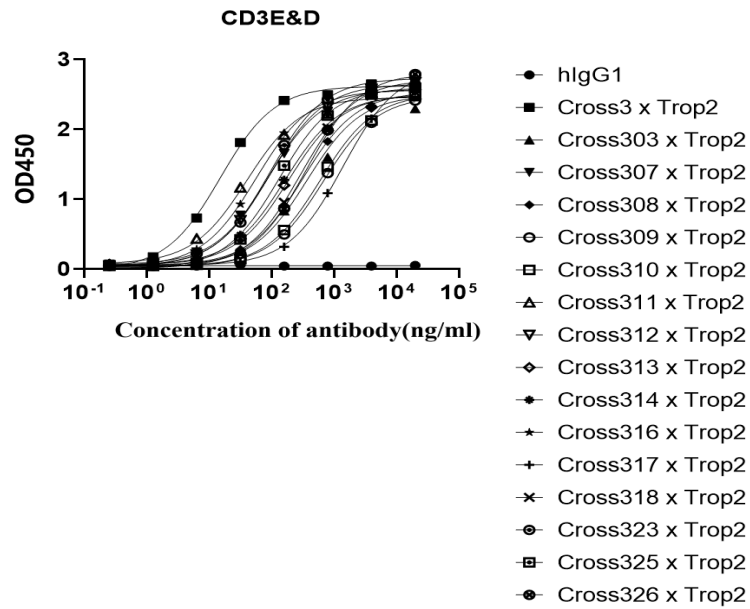


FIG. 6

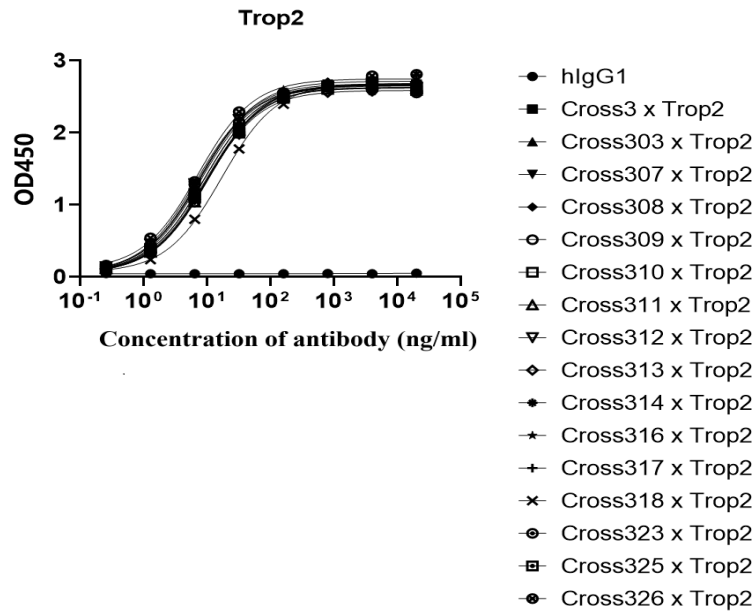


FIG. 7

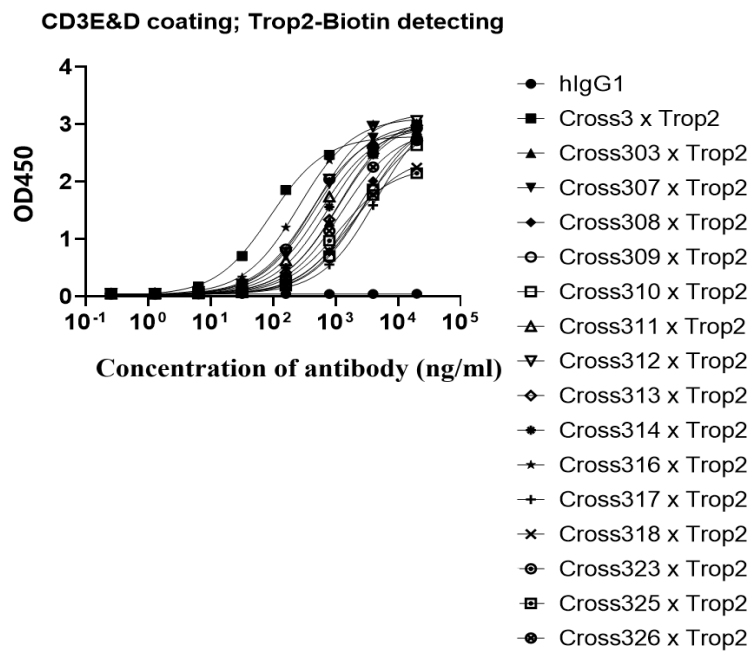


FIG. 8

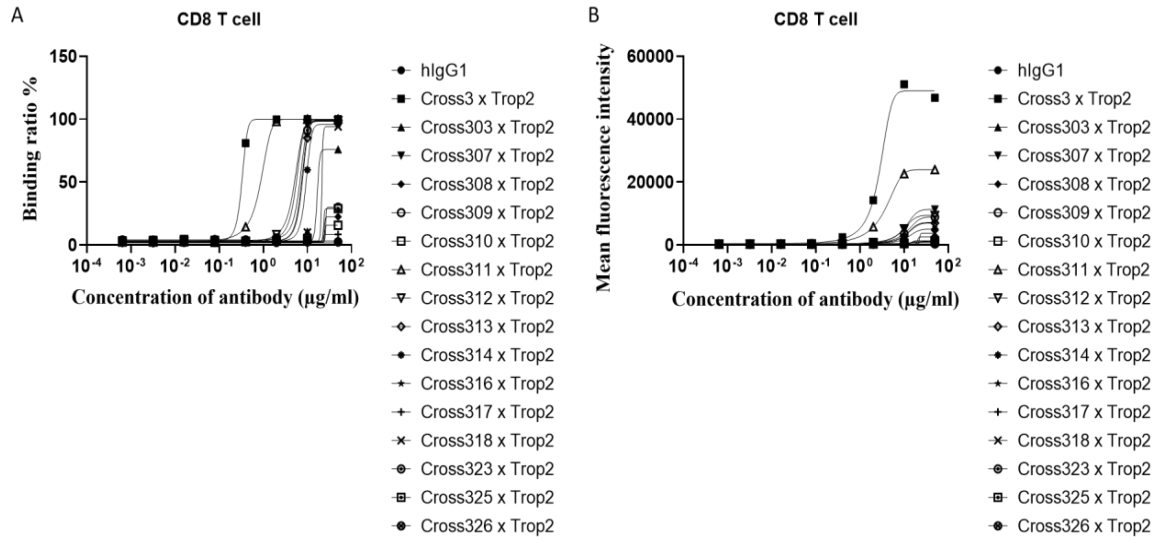


FIG. 9

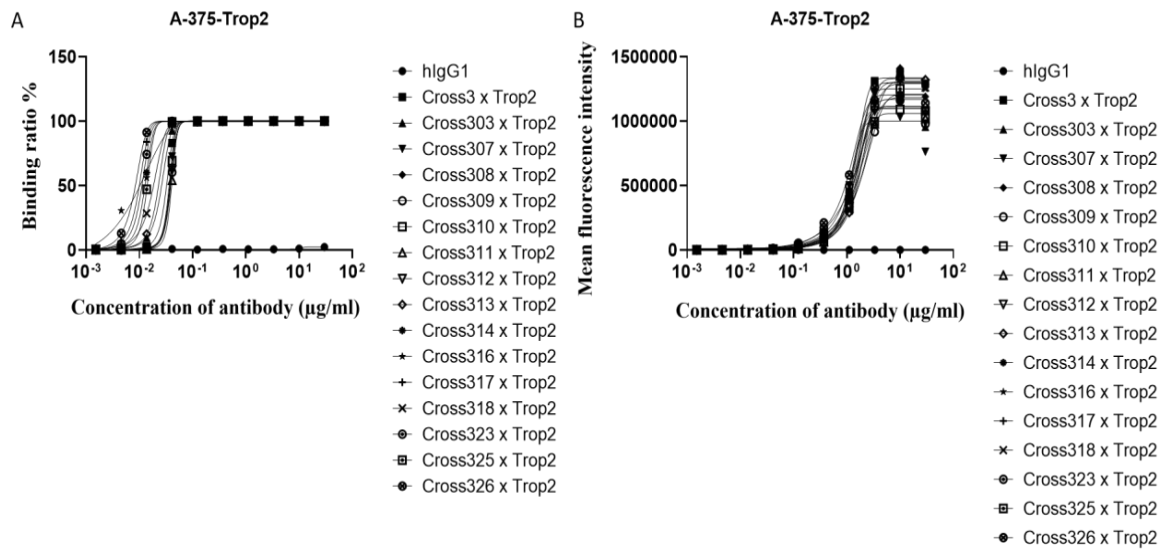


FIG. 10

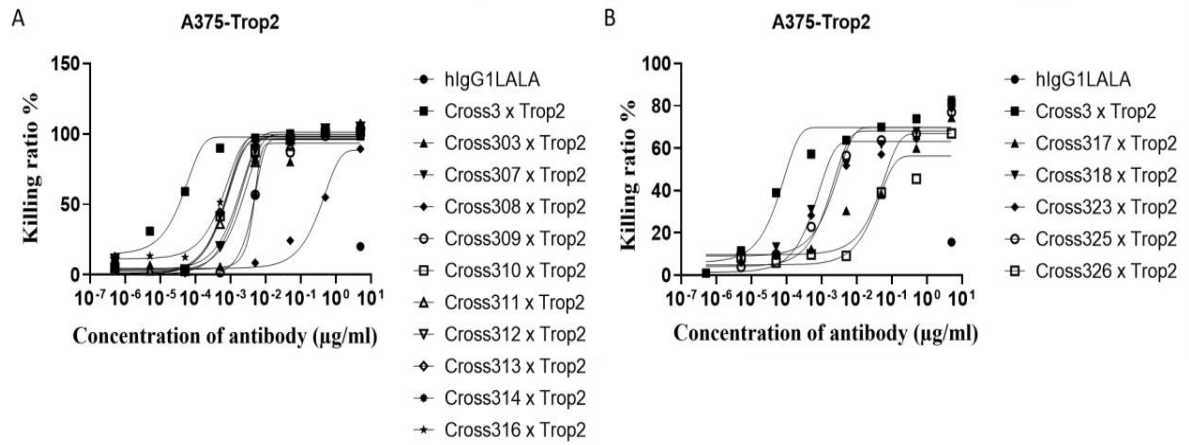


FIG. 11

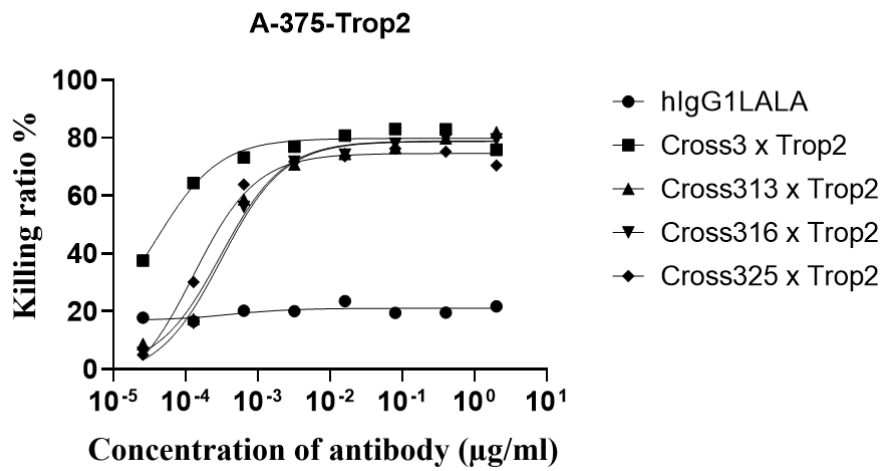


FIG. 12

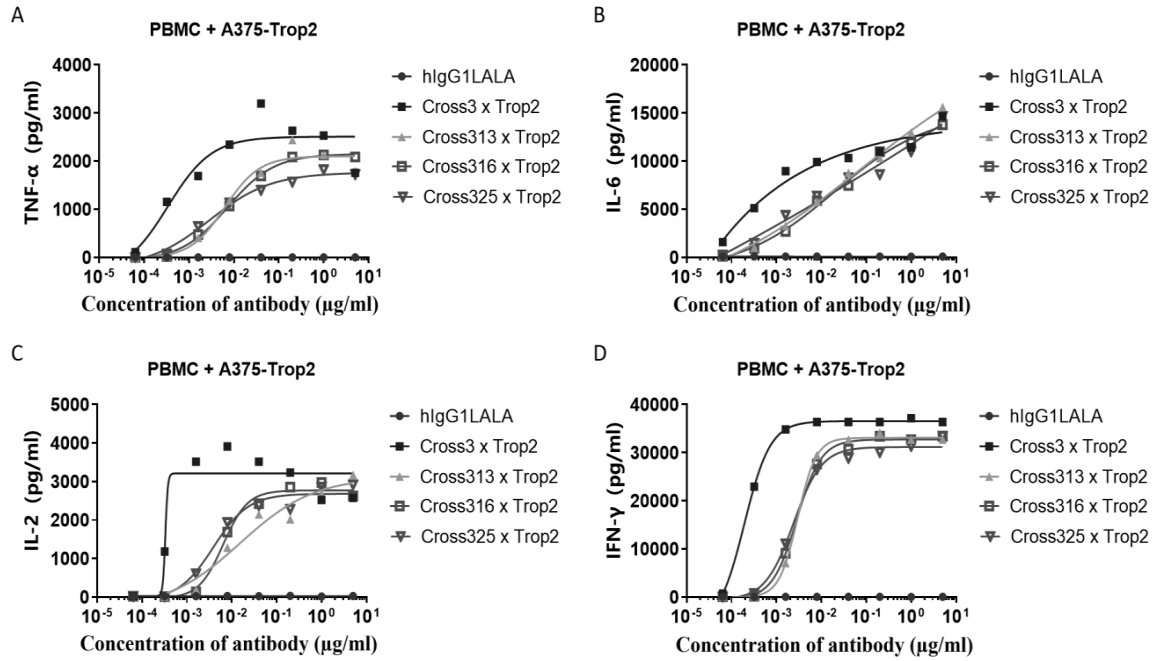


FIG. 13

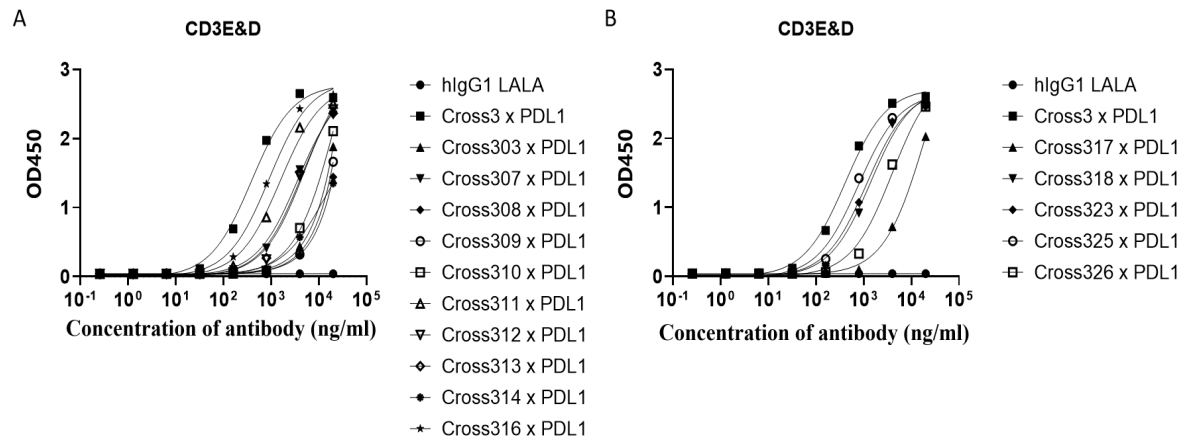


FIG. 14

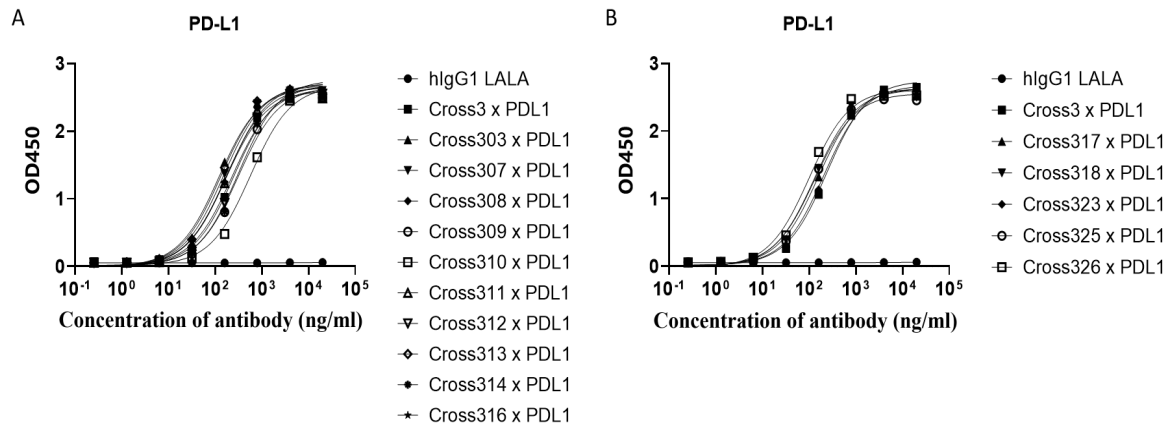


FIG. 15

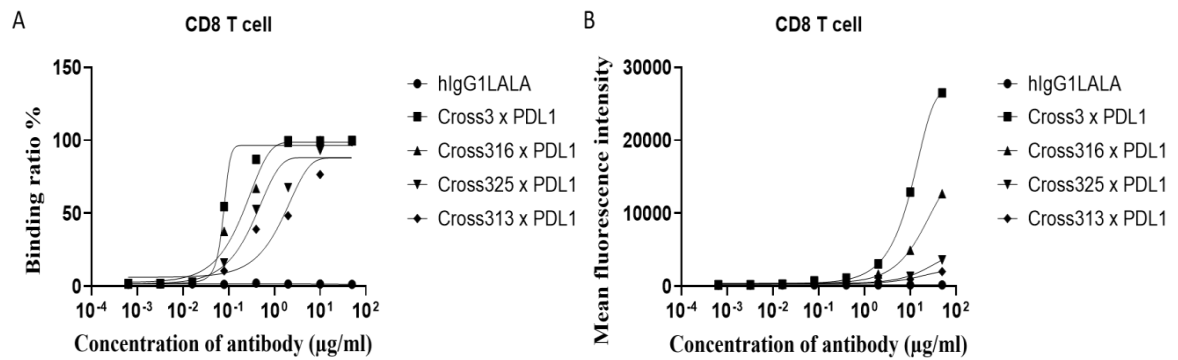


FIG. 16

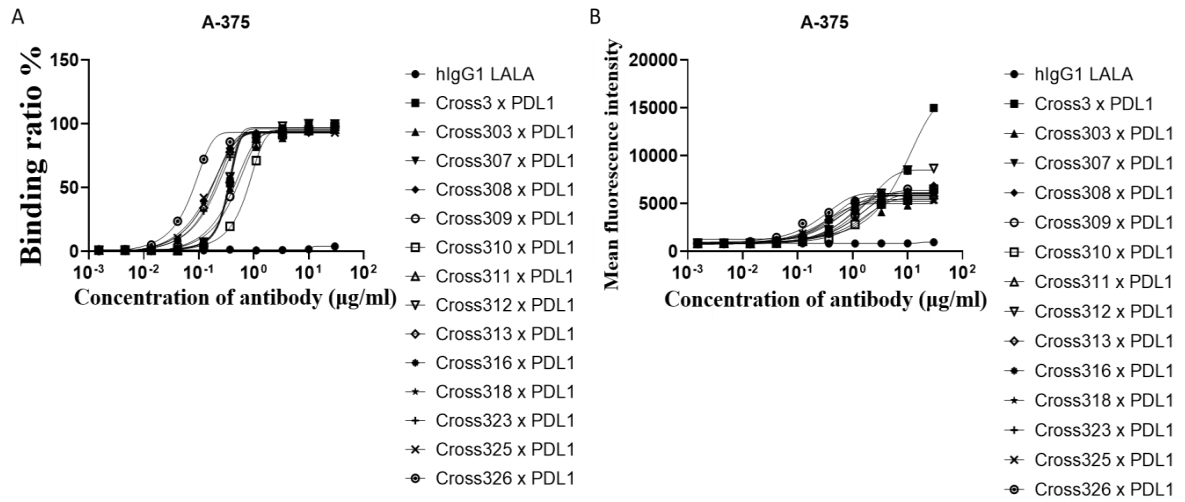


FIG. 17

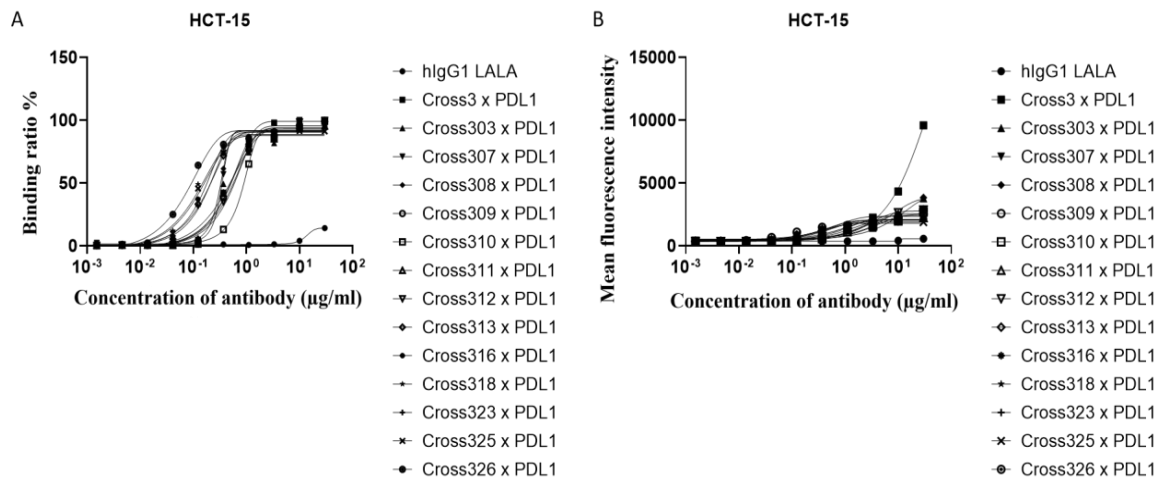


FIG. 18

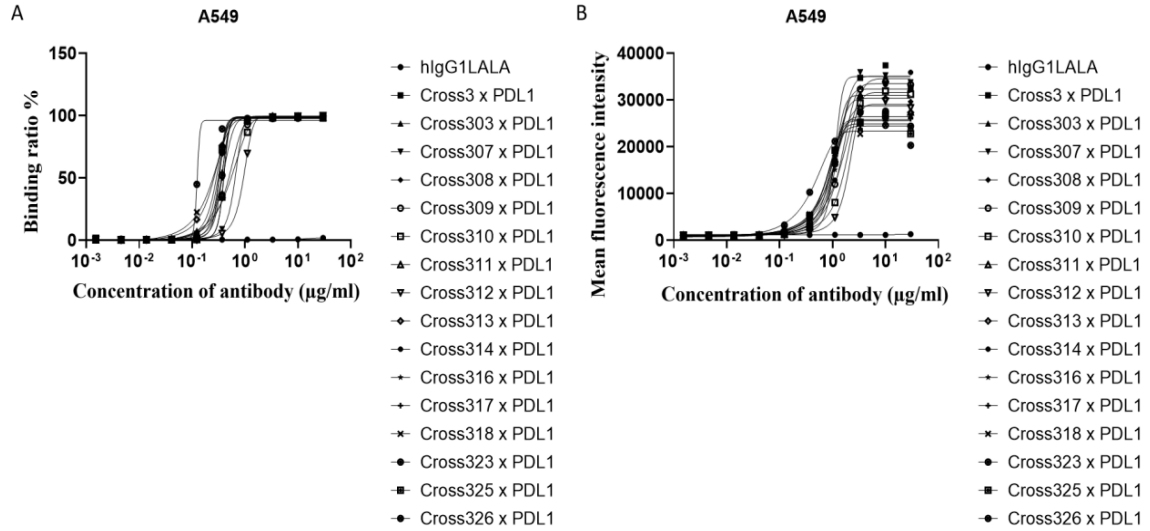


FIG. 19

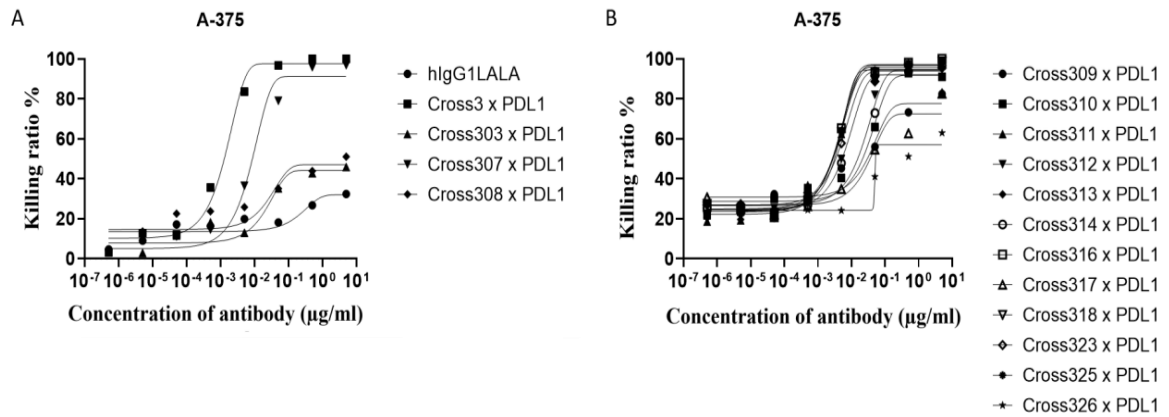


FIG. 20

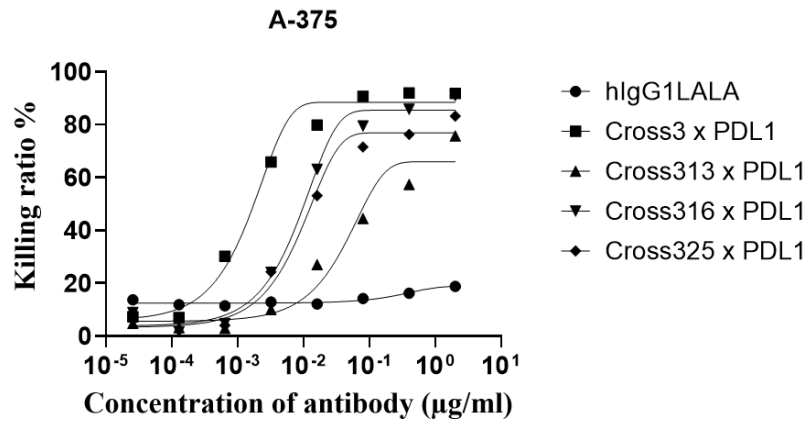


FIG. 21

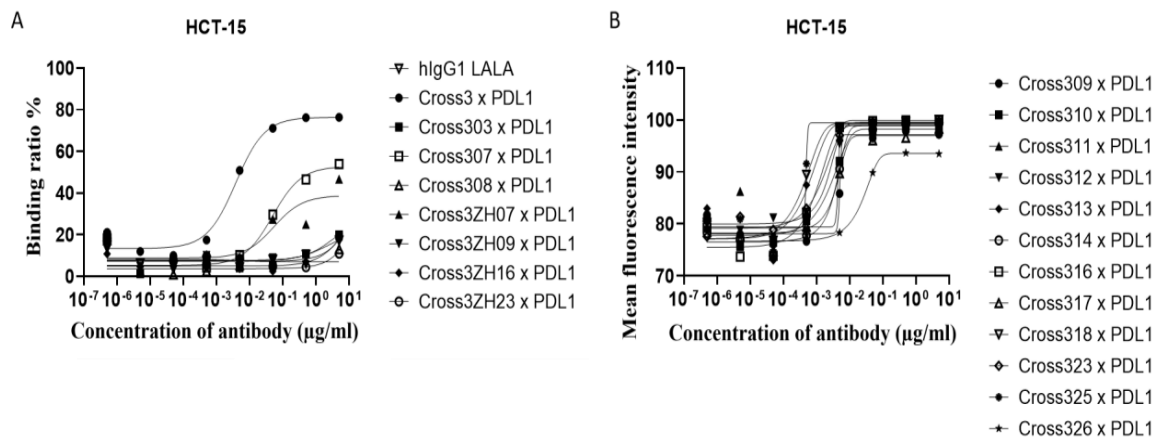


FIG. 22

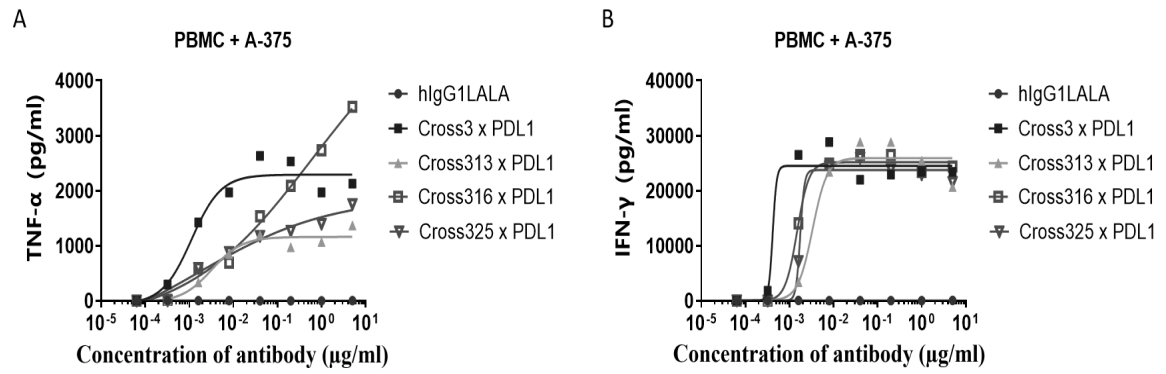


FIG. 23

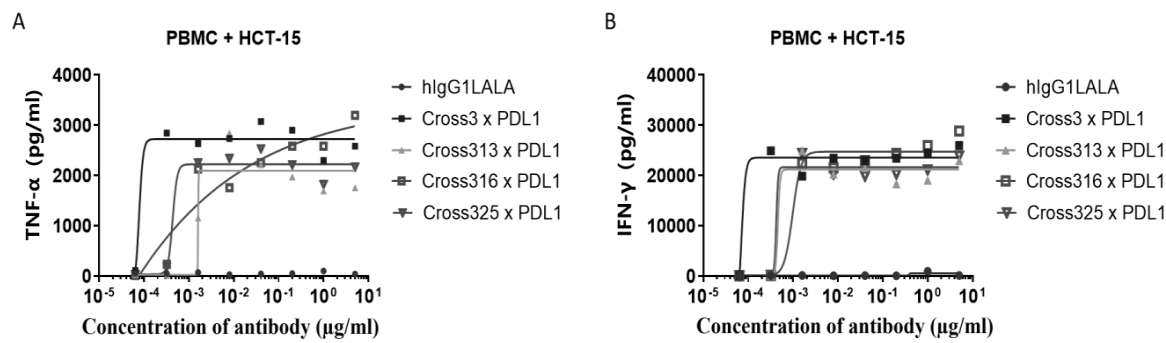


FIG. 24