

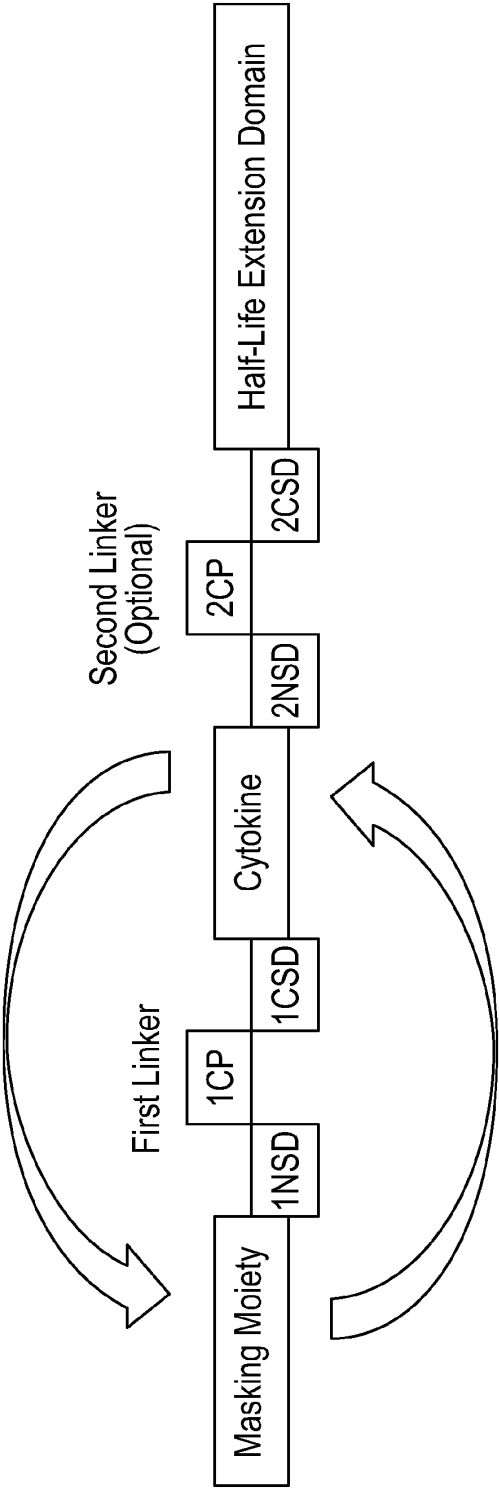


FIG. 1

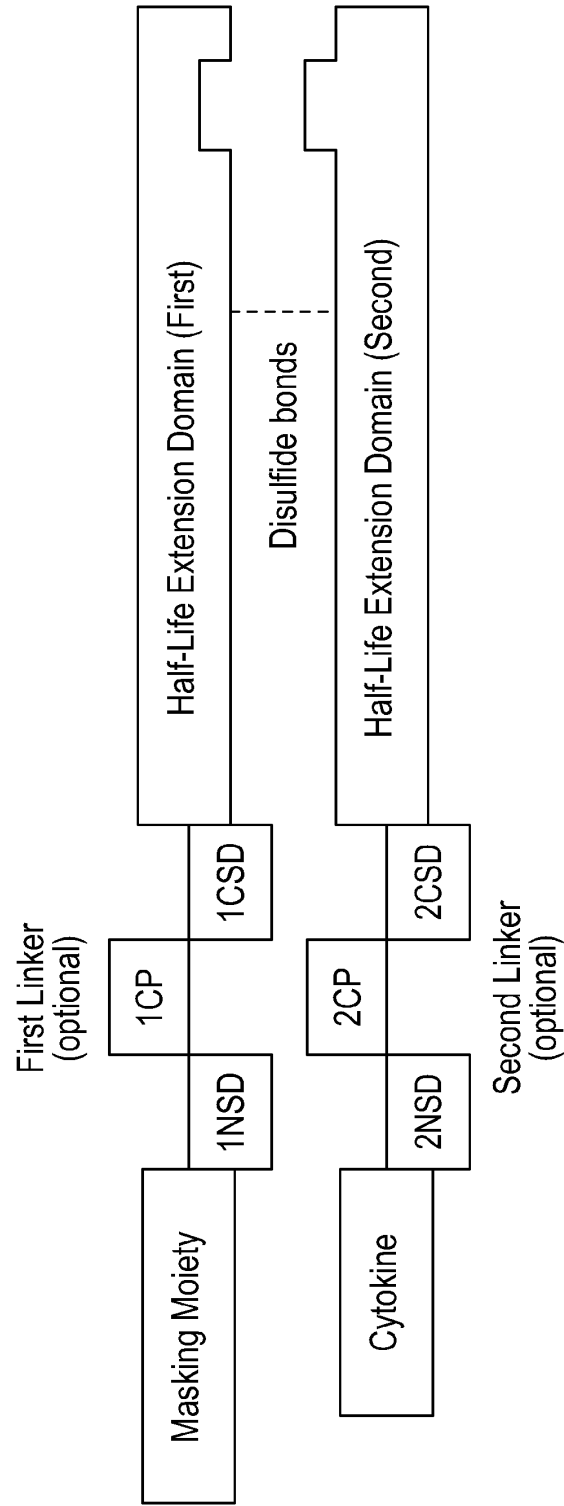


FIG. 2

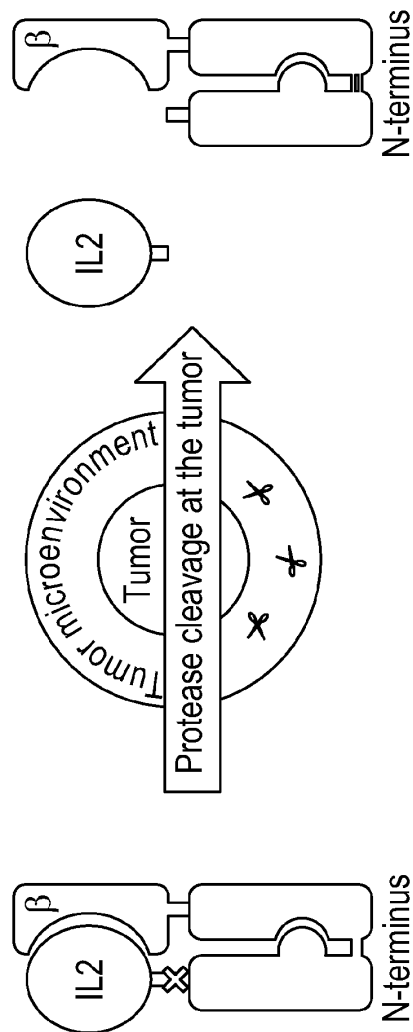


FIG. 3A

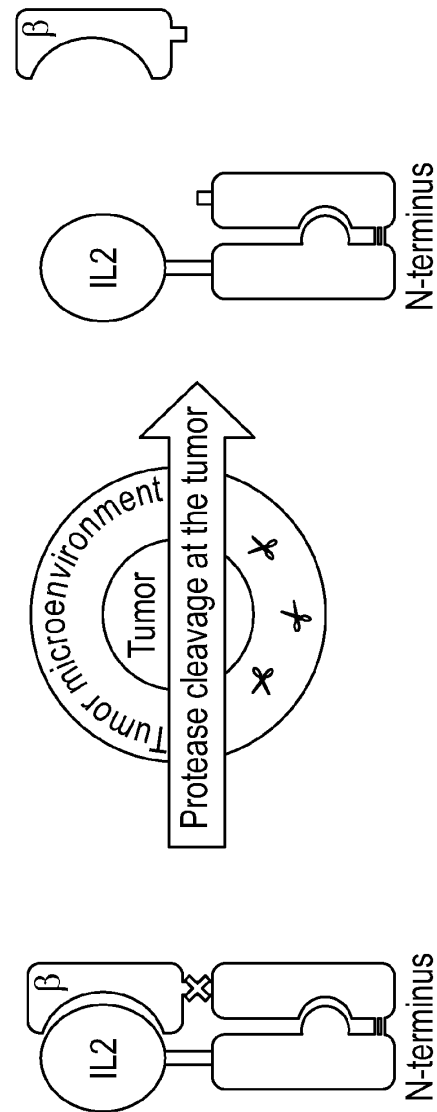


FIG. 3B

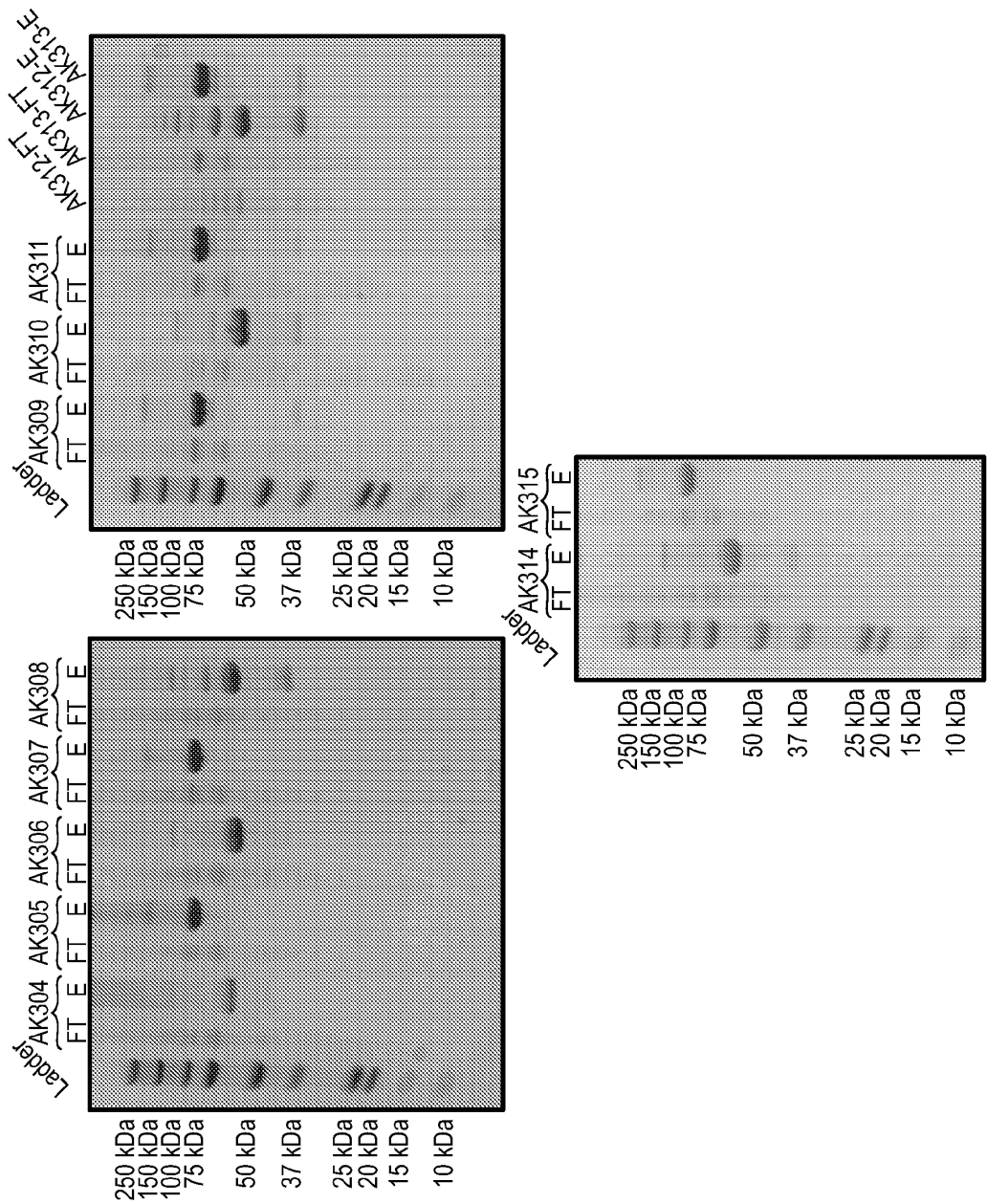
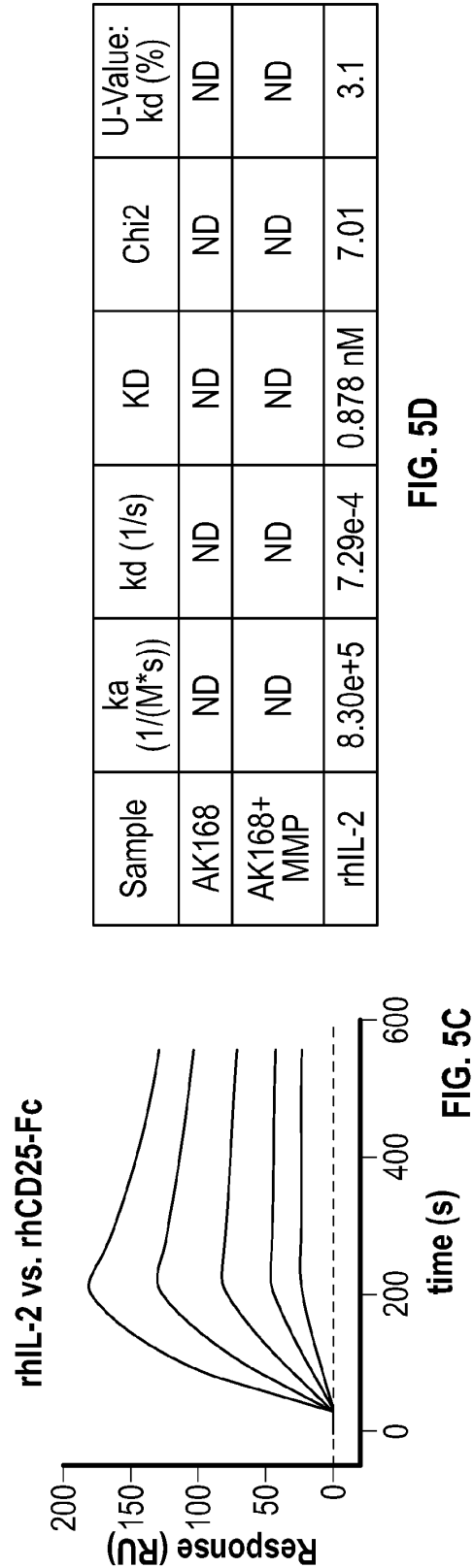
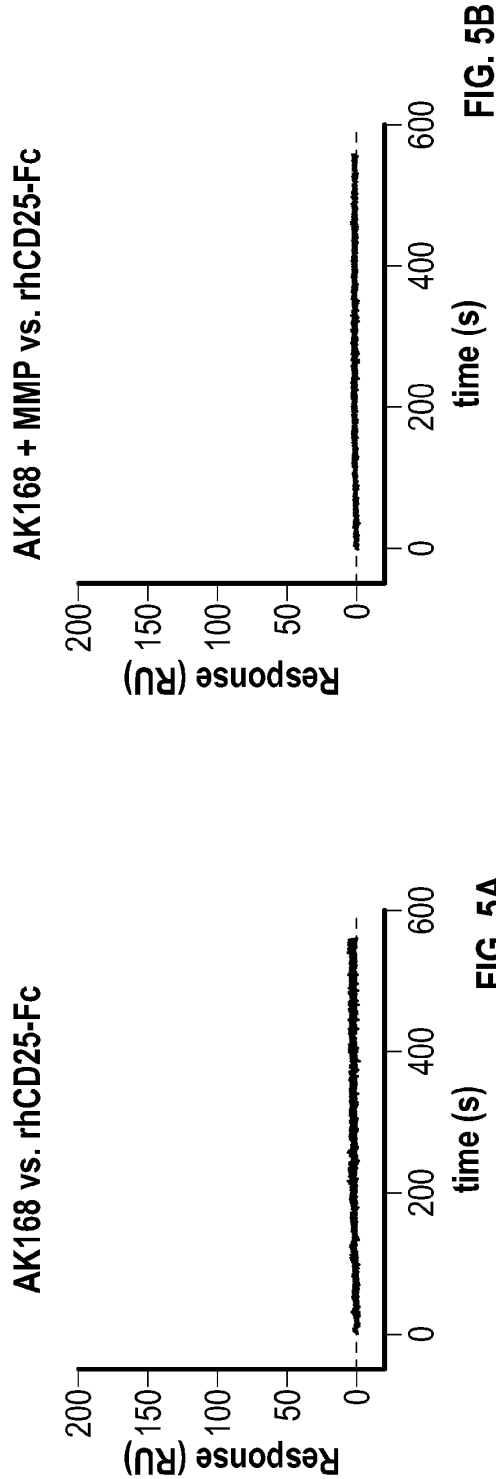
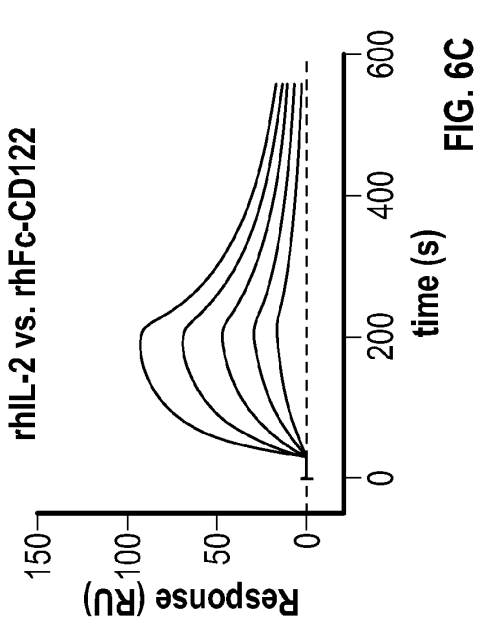
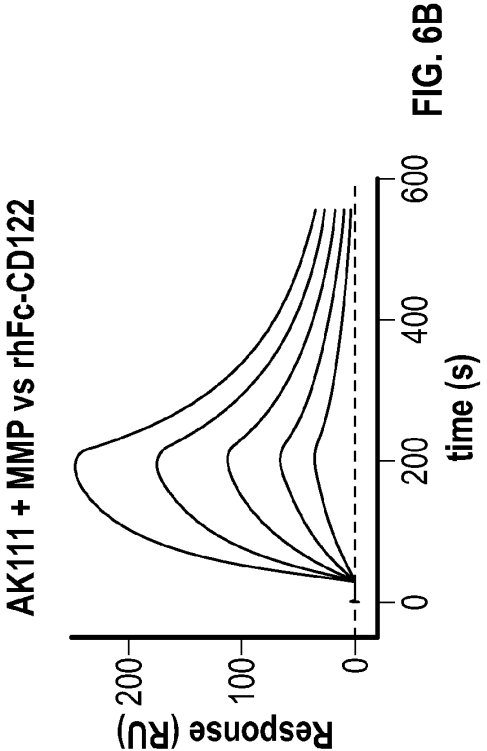
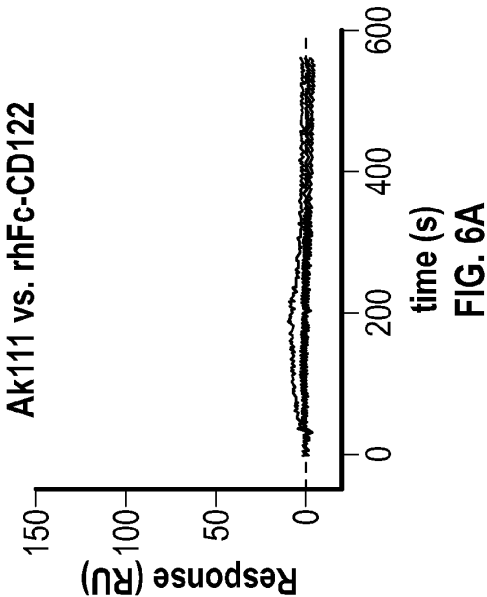


FIG. 4





Sample	k_a ($1/(M \cdot s)$)	k_d (1/s)	KD	Chi2	U-Value: k_d (%)
AK111	ND	ND	ND	ND	ND
AK111+ MMP	$2.64e+4$	$6.21e-3$	235 nM	9.82	0.6
rhIL-2	$4.17e+4$	$5.17e-3$	124 nM	2.09	0.8

FIG. 6D

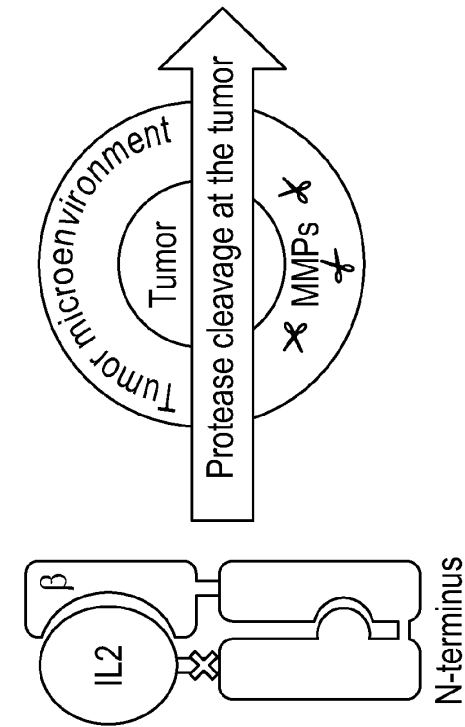


FIG. 7A

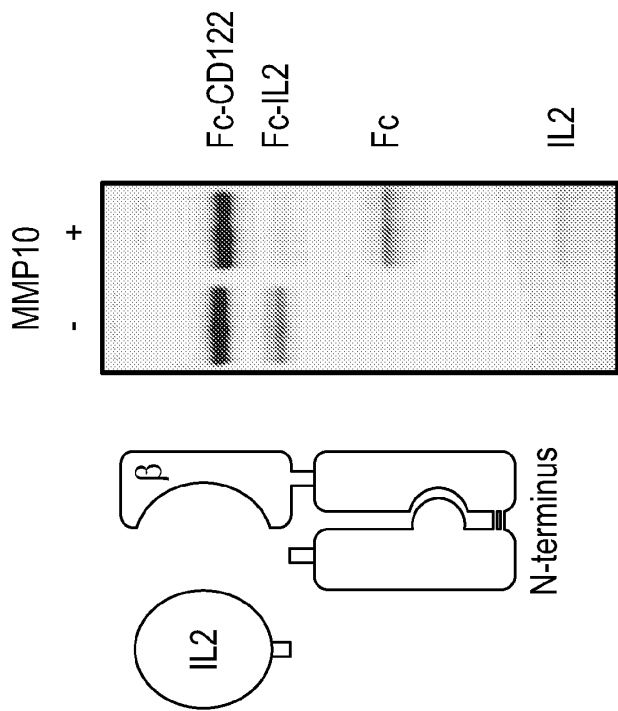
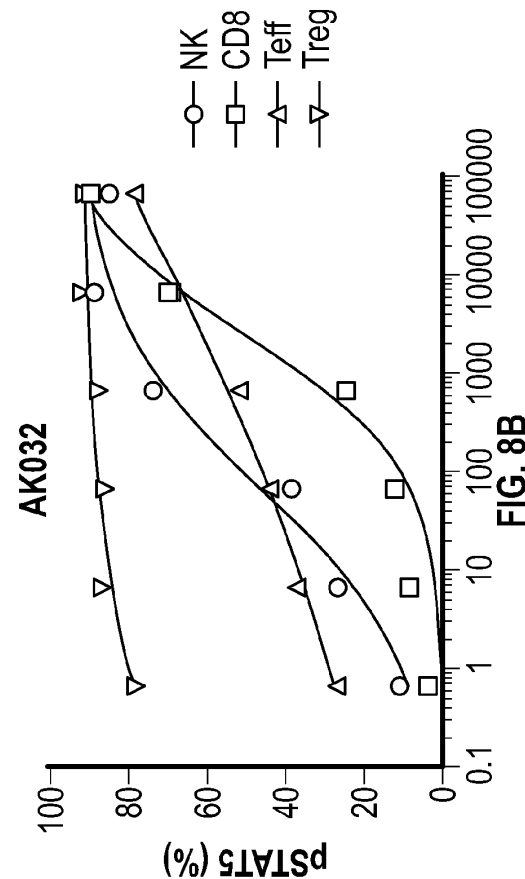
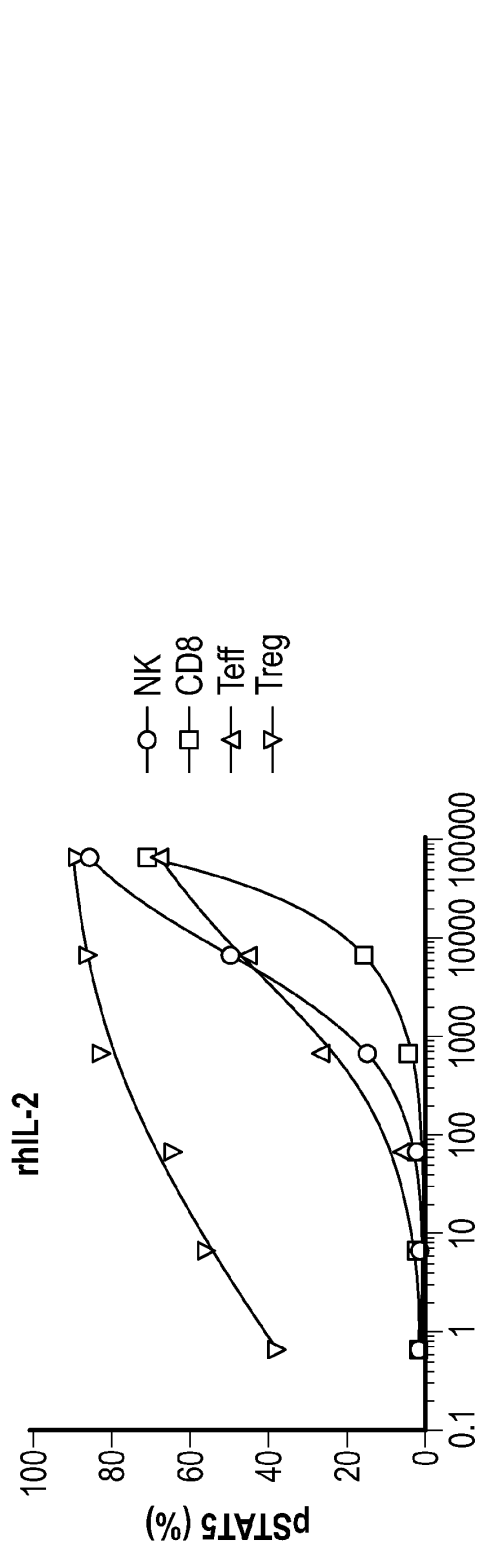
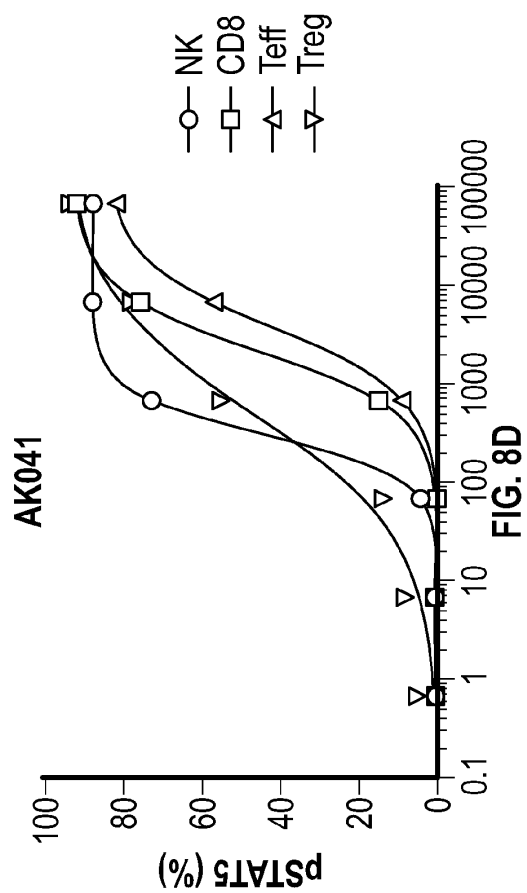
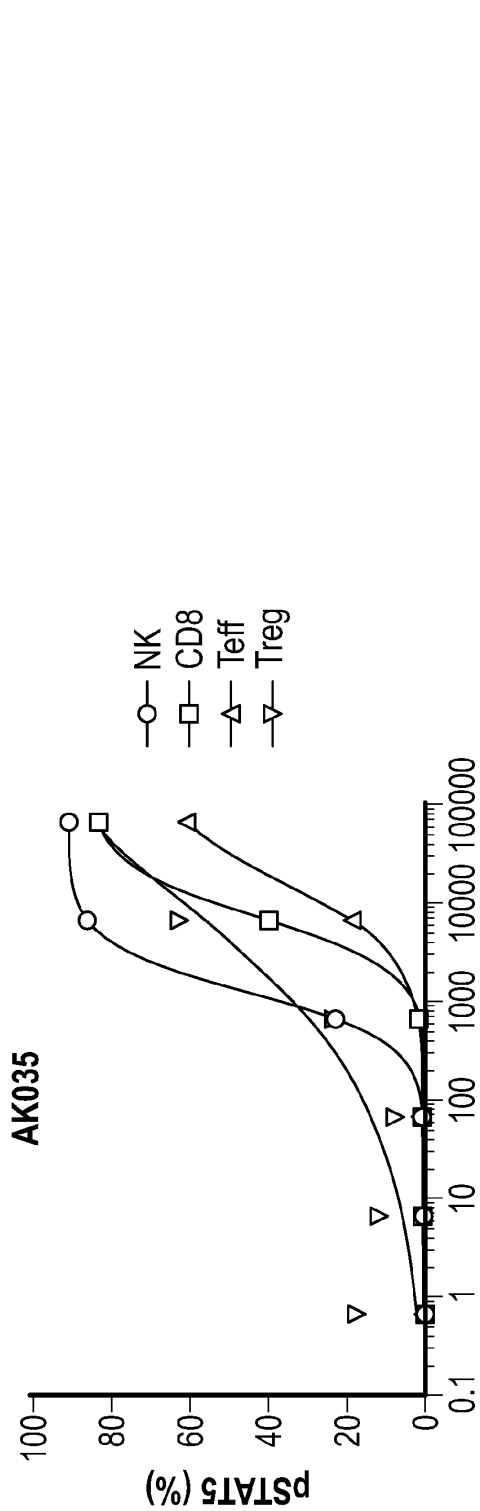
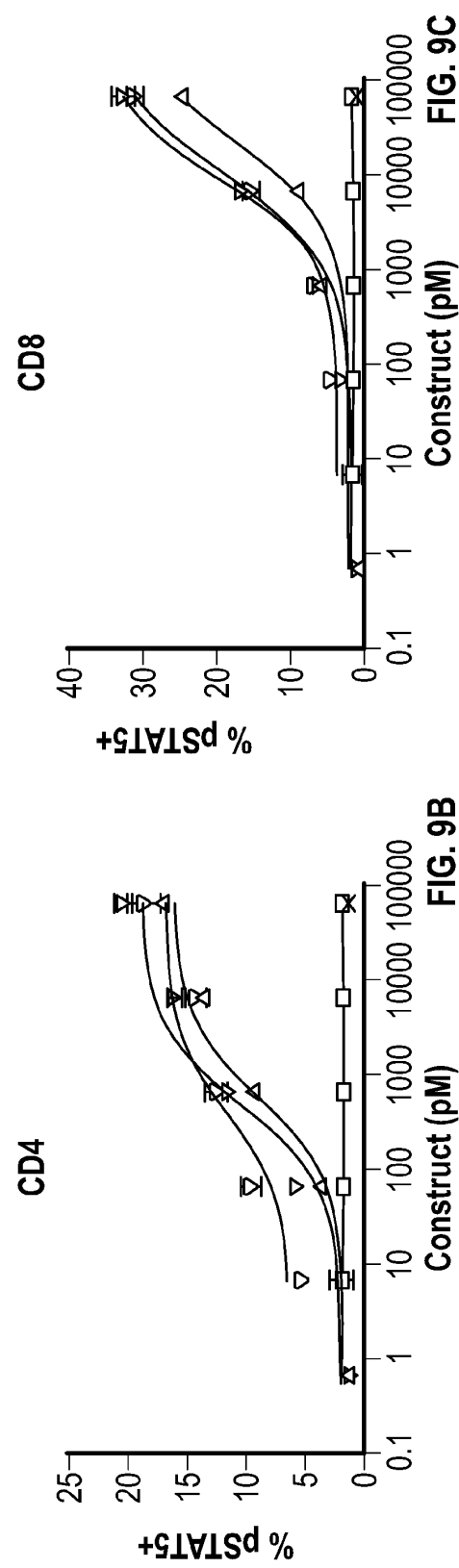
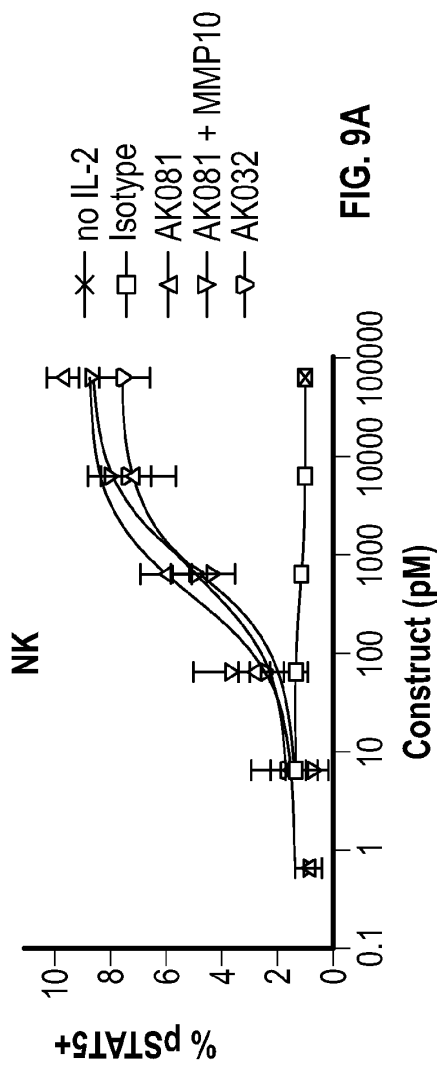
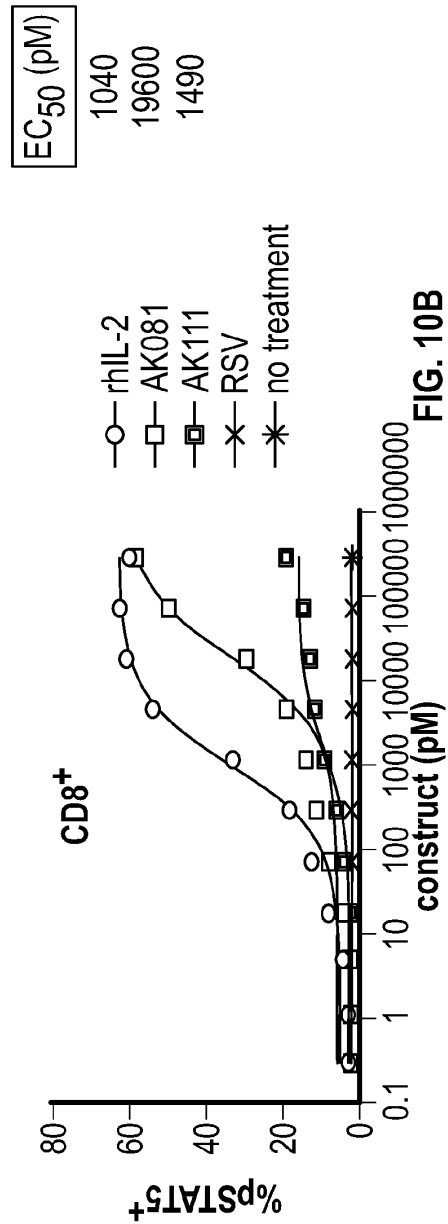
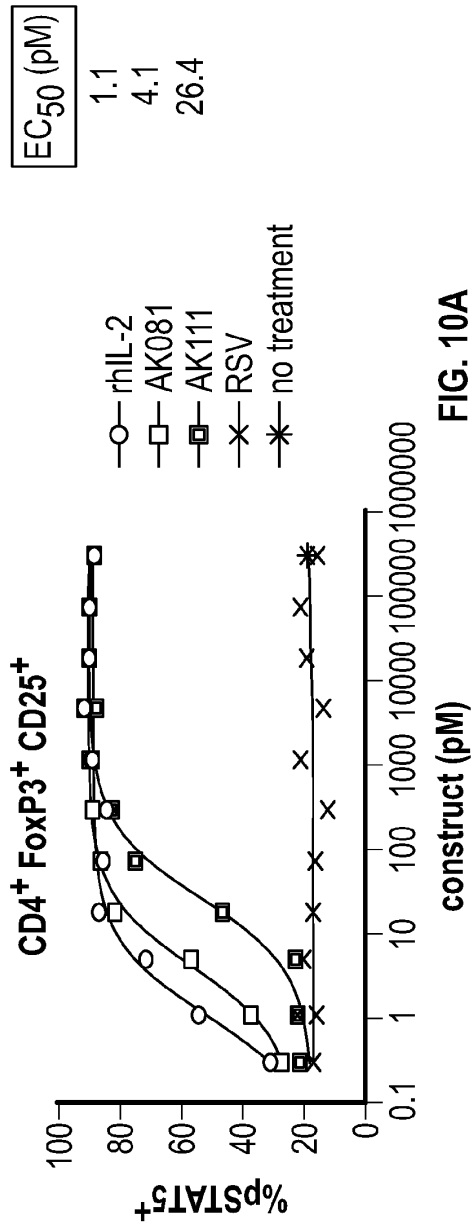


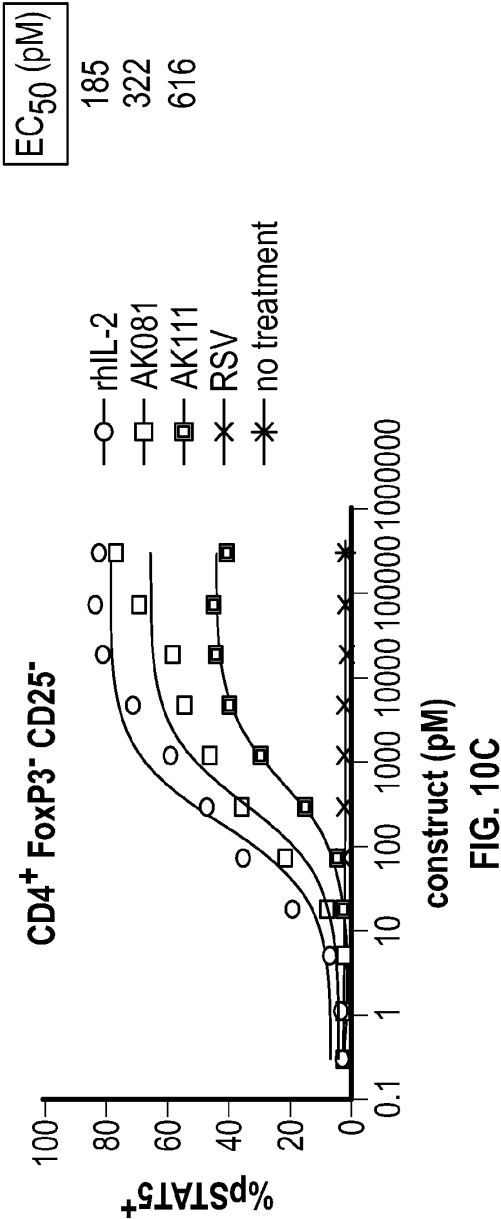
FIG. 7B







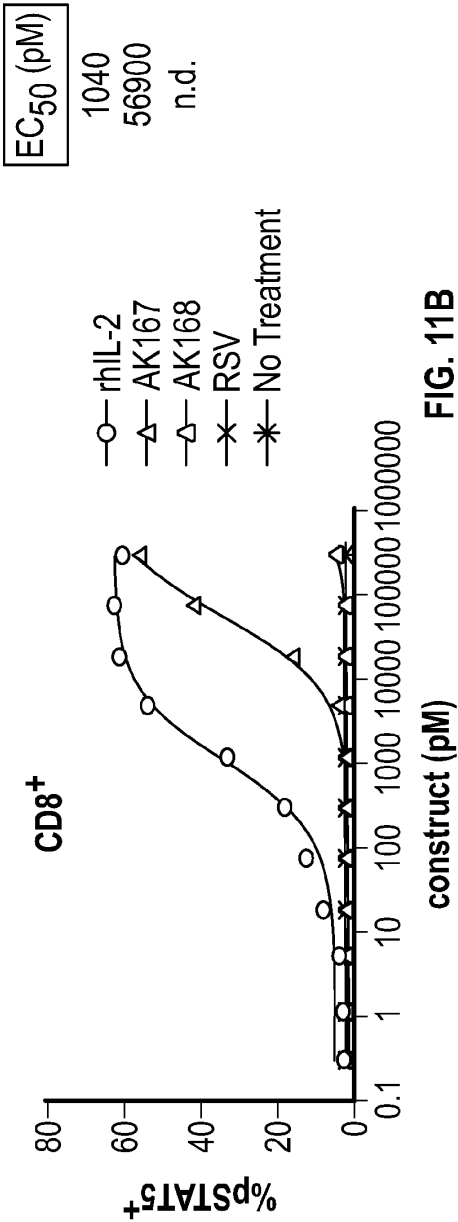
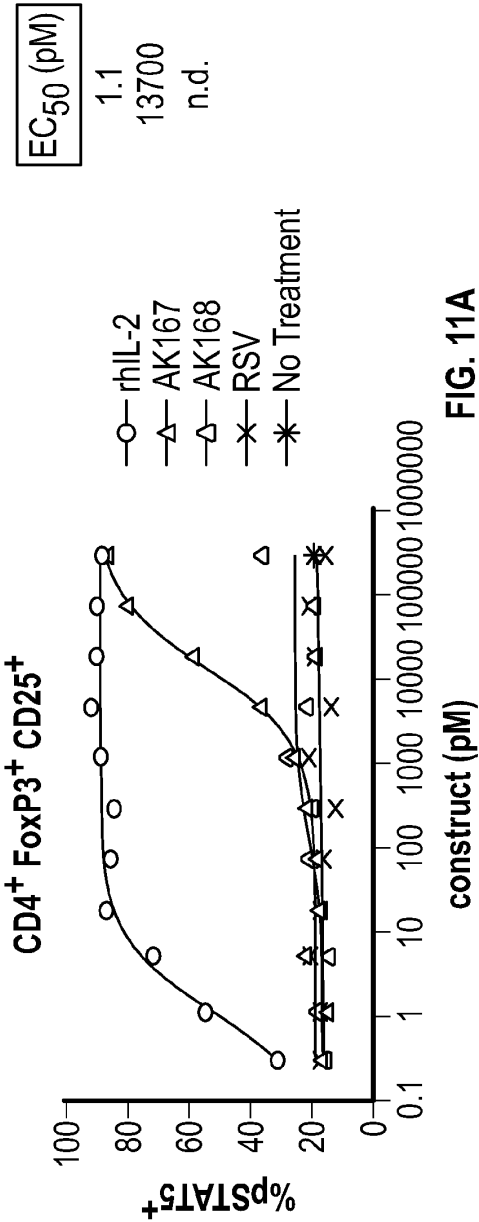




Construct	FoxP3 ⁺ T _{reg}		CD4 ⁺ T _{help}		CD8 ⁺ T _{cyto}	
	EC ₅₀ (pM)	Fold-Change	EC ₅₀ (pM)	Fold-Change	EC ₅₀ (pM)	Fold-Change
rhIL-2	1.1		1040		185	
AK081	4.1	3.7	19600	18.8	322	1.7
AK111	26.4	24.0	1490*	1.4*	616	3.3

*Prism was able to find a best-fit value, but was unable to calculate a complete confidence interval. This best-fit value should be interpreted with caution.

FIG. 10D



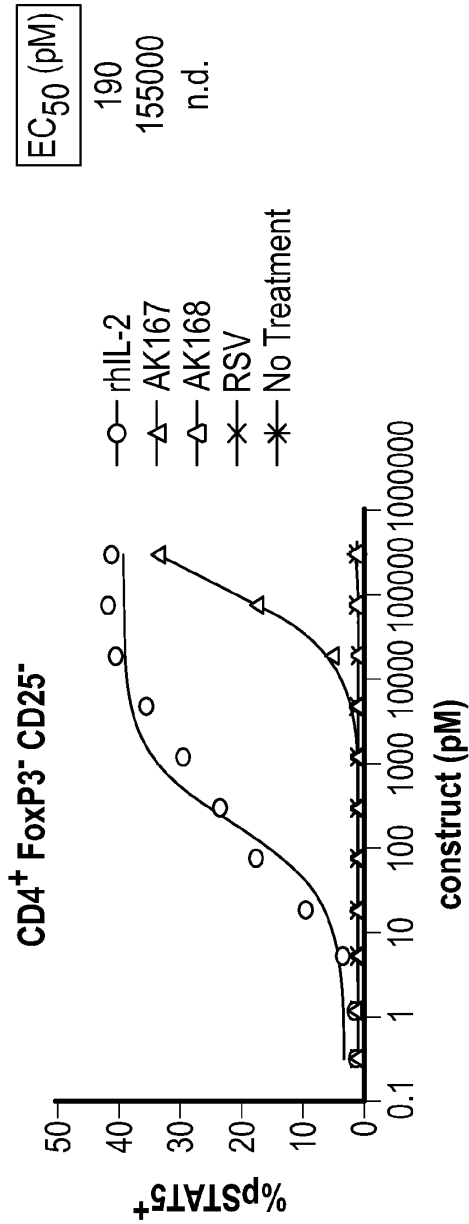
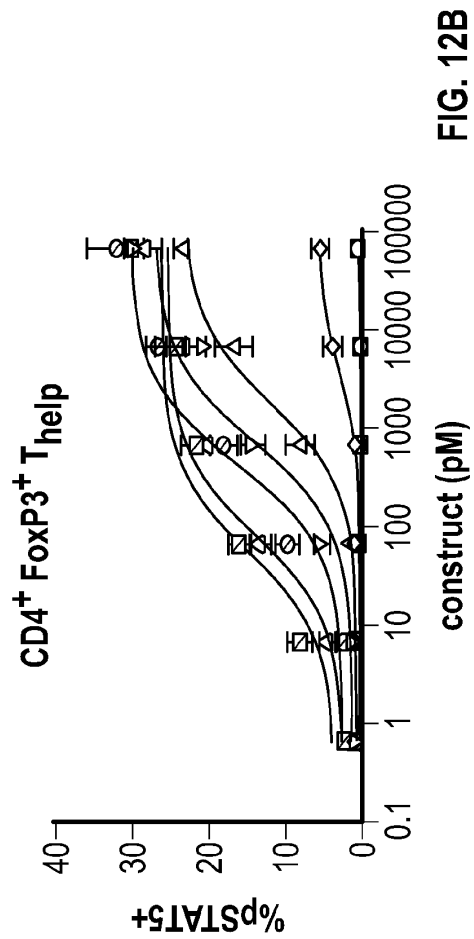
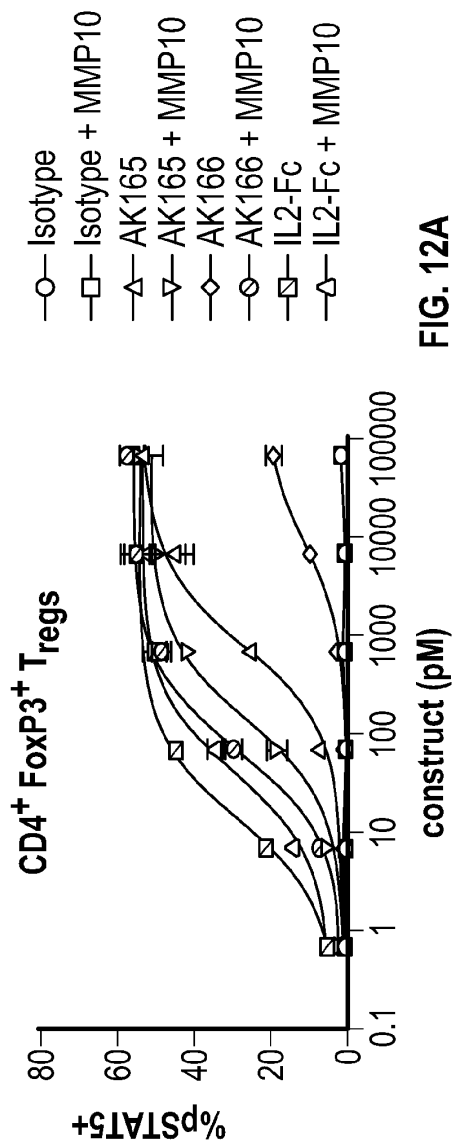


FIG. 11C

Construct	FoxP3 ⁺ T _{reg}		CD4 ⁺ T _{help}		CD8 ⁺ T _{cyto}	
	EC ₅₀ (pM)	Fold-Change	EC ₅₀ (pM)	Fold-Change	EC ₅₀ (pM)	Fold-Change
rhIL-2	1.1		1040		190	
AK167	13700	12455	56900	55	155000	816
AK168	n.d.		n.d.		n.d.	

FIG. 11D



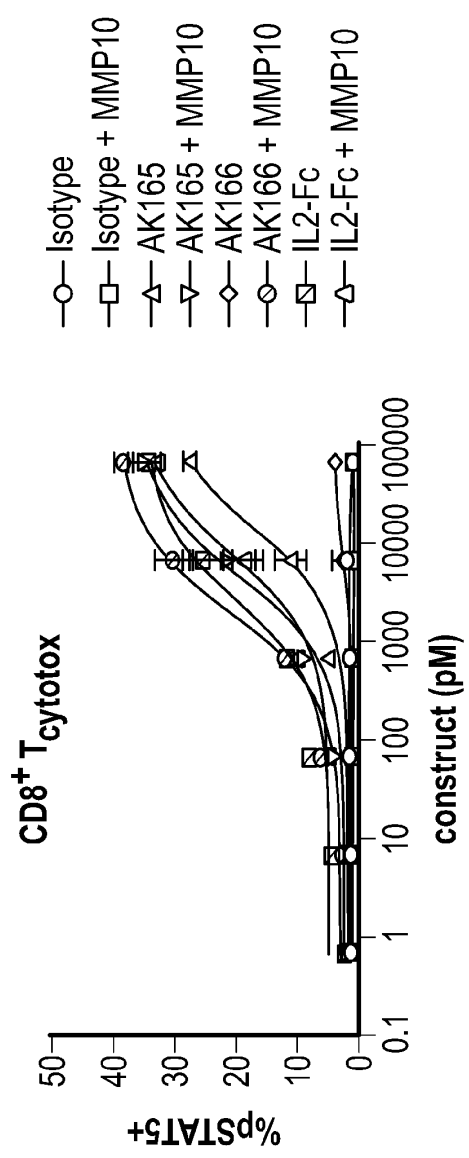


FIG. 12C

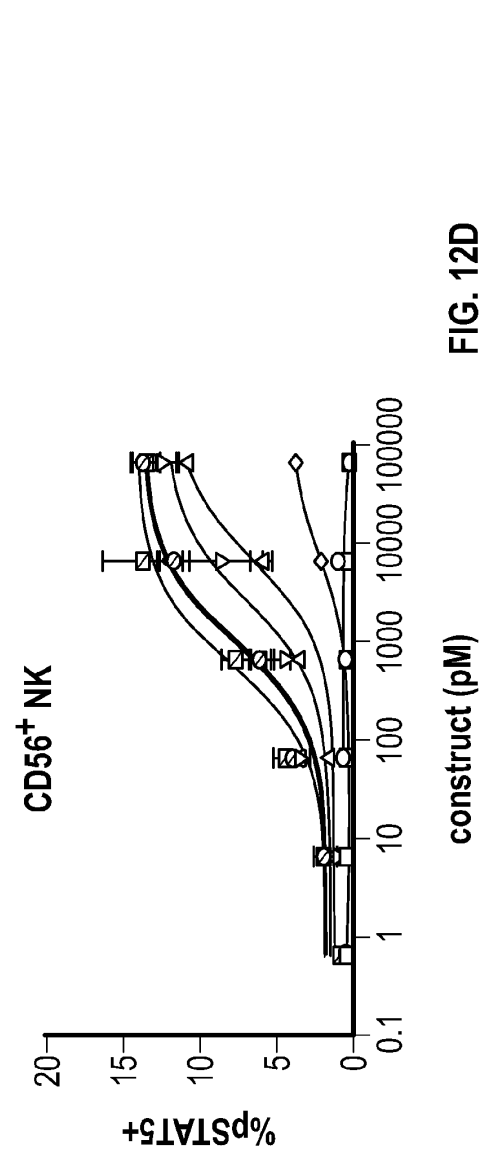
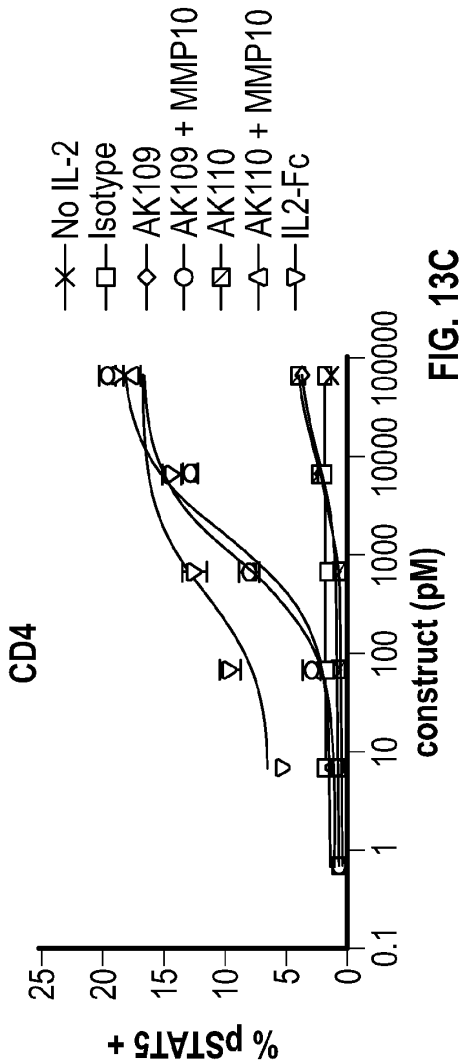
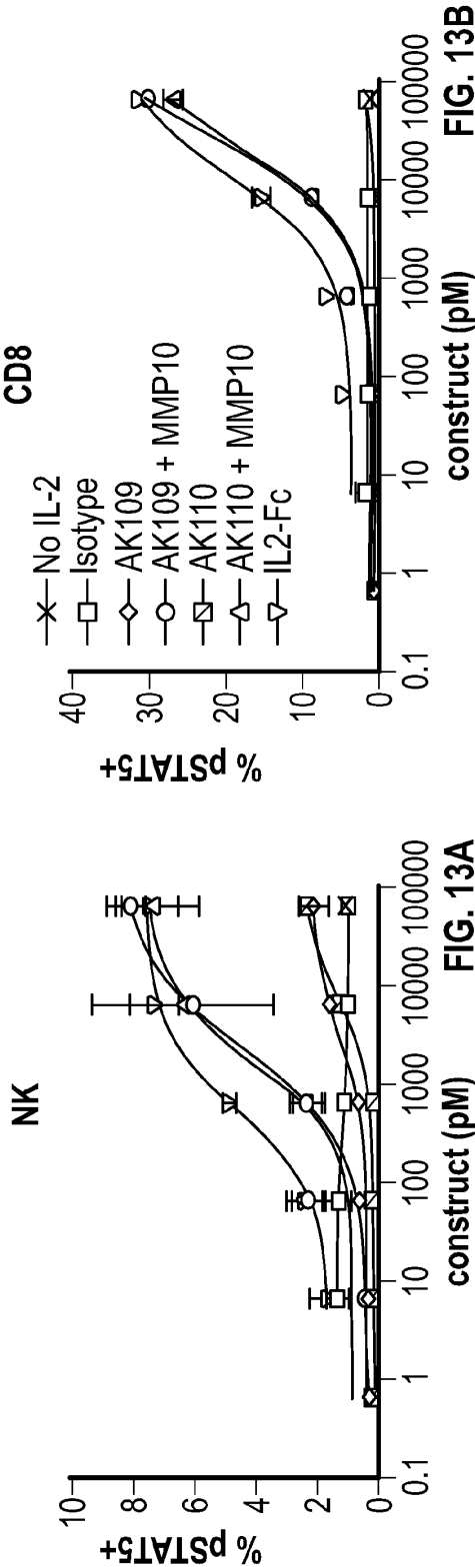


FIG. 12D



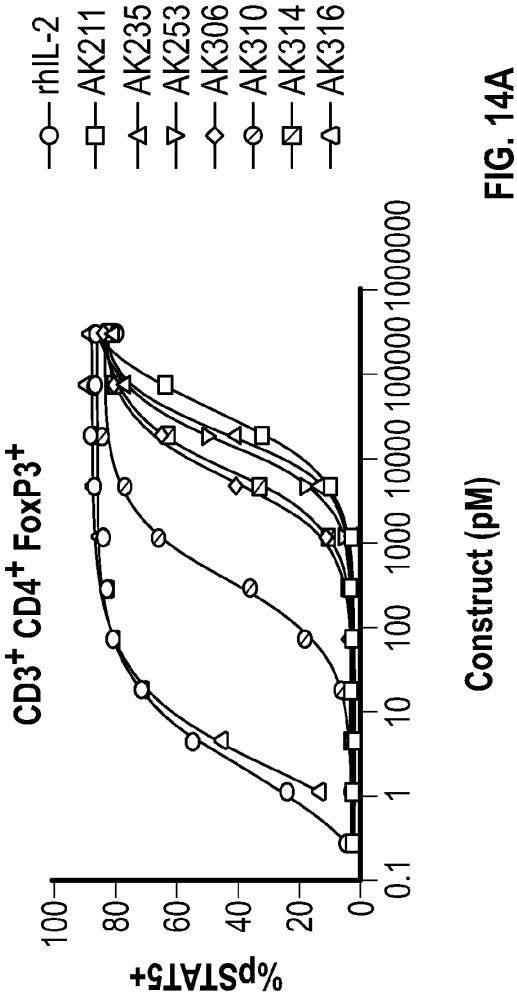


FIG. 14A

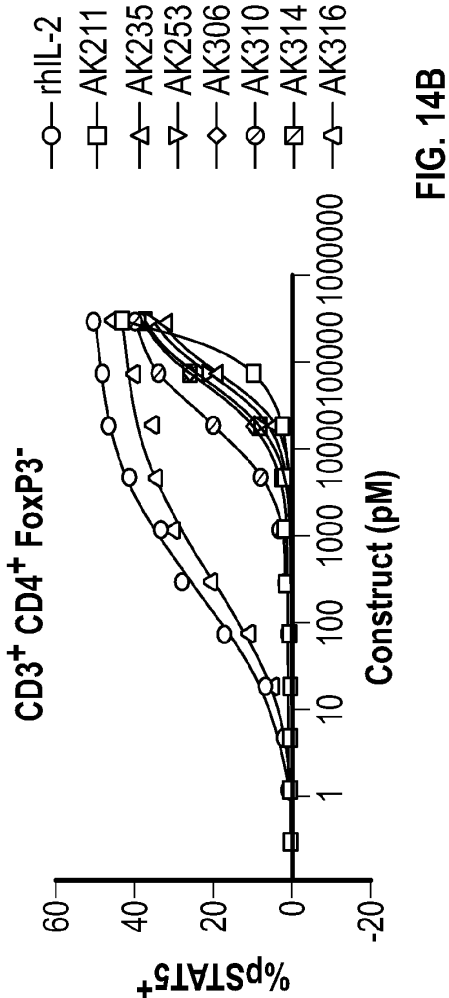


FIG. 14B

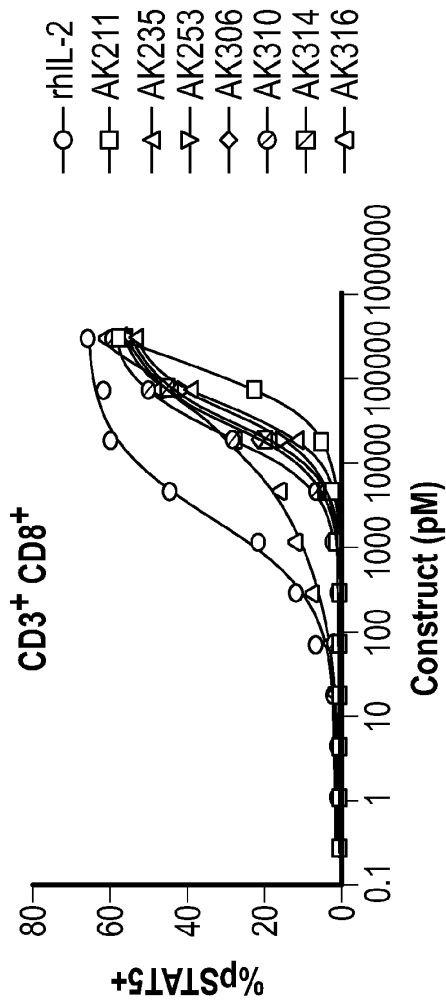


FIG. 14C

Construct	CD3+CD4+FoxP3+ EC ₅₀ (pM)	CD3+CD4+FoxP3- EC ₅₀ (pM)	CD3+CD8+ EC ₅₀ (pM)
rhIL-2	1.94	247	2300
AK211	39500	*	164000
AK253	15400	75100	46400
AK235	19200	69500	44100
AK314	7250	49400	29500
AK306	5680	56300	28800
AK310	373	20800	22300
AK316	1.73	331	167000**

FIG. 14D

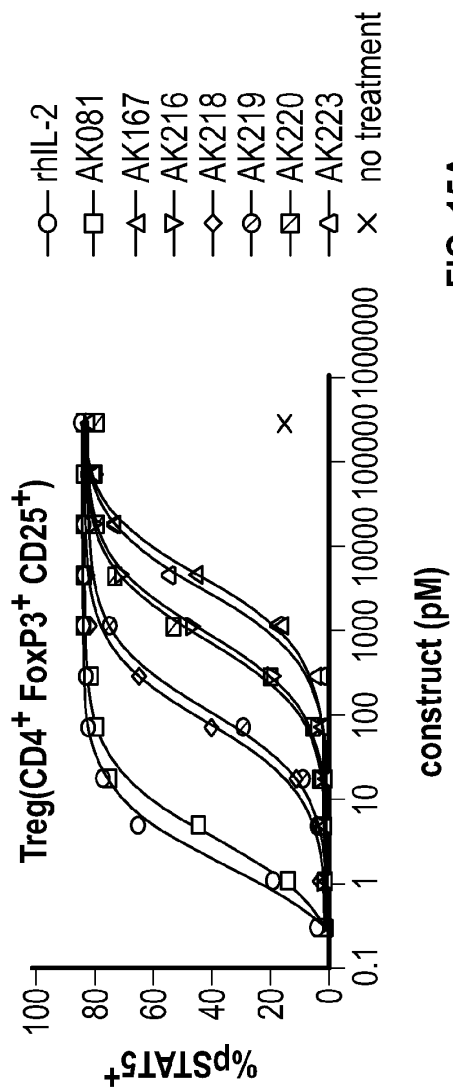


FIG. 15A

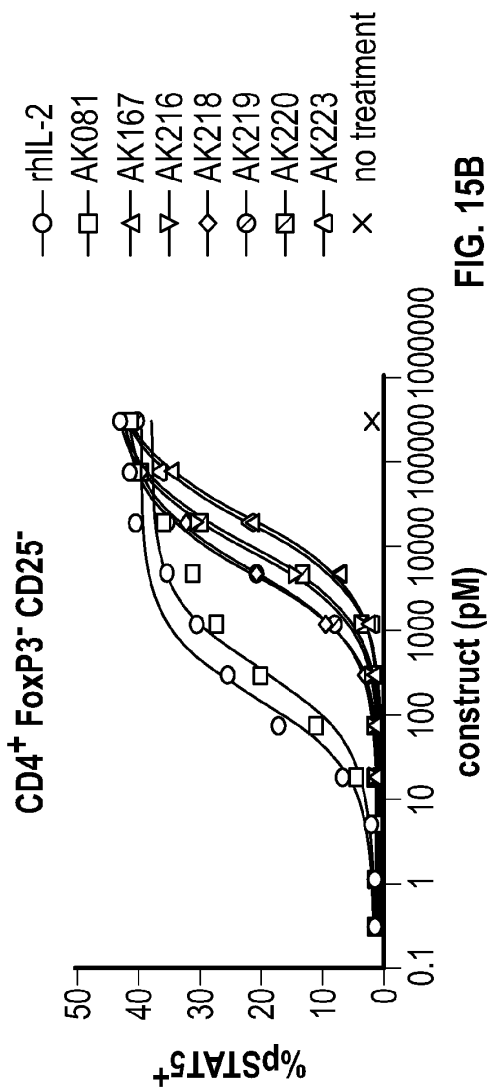


FIG. 15B

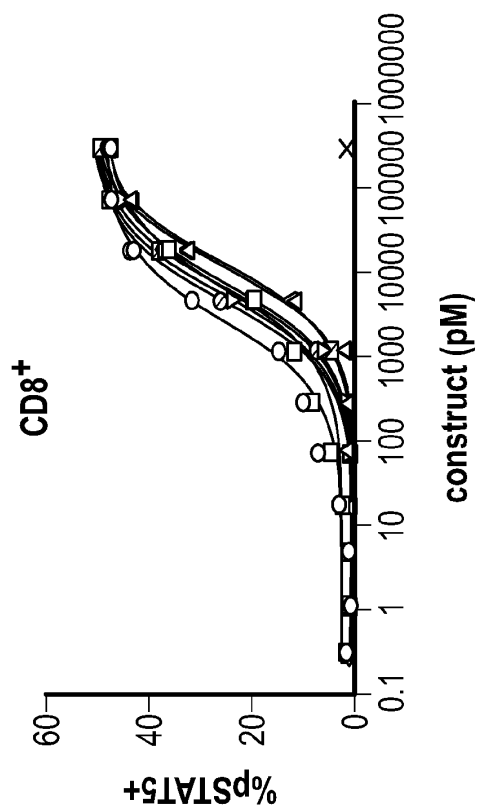


FIG. 15C

Construct	FoxP3 ⁺ T _{reg} EC ₅₀ (pM)	CD4 ⁺ T _{help} EC ₅₀ (pM)	CD8 ⁺ T _{cyto} EC ₅₀ (pM)
rhIL-2	1.67	154	2710
AK081	3.59	332	6700
AK167	4390	22900	13200
AK216	1020	9200	5490
AK218	86.7	5270	7550
AK219	117	5030	4570
AK220	782	10900	7650
AK223	3040	20200	12600

FIG. 15D

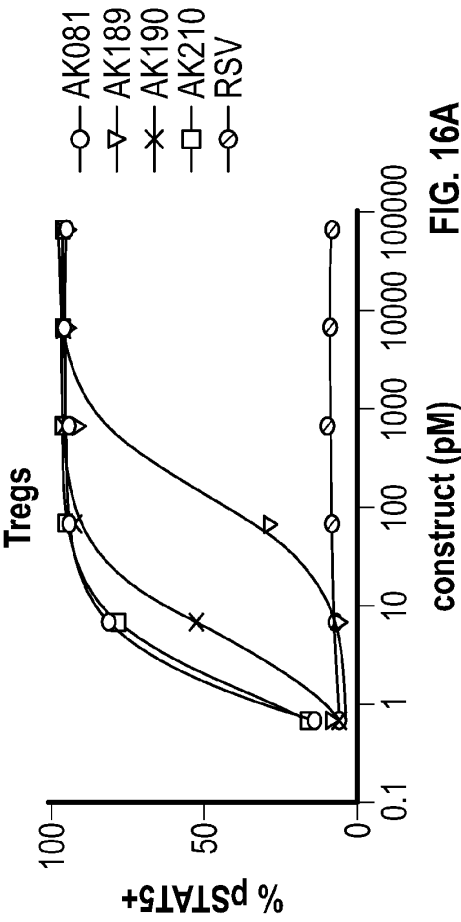


FIG. 16A

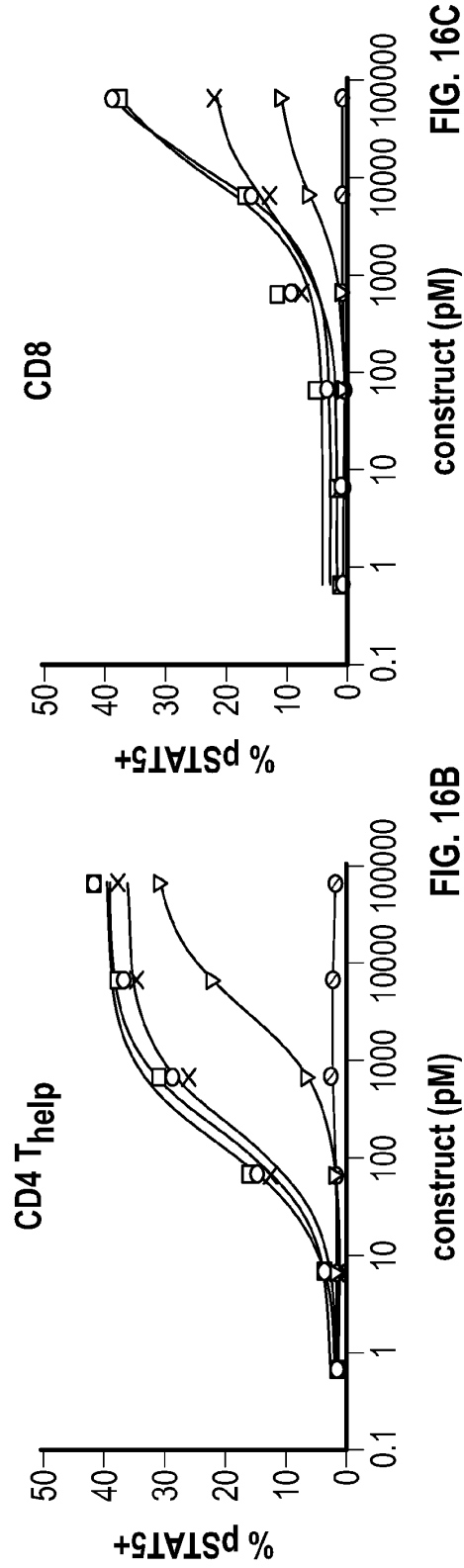


FIG. 16B

FIG. 16C

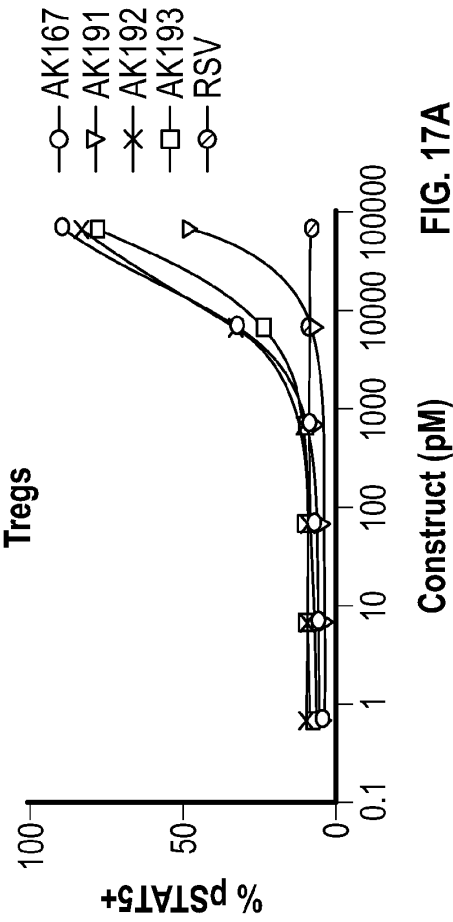


FIG. 17A

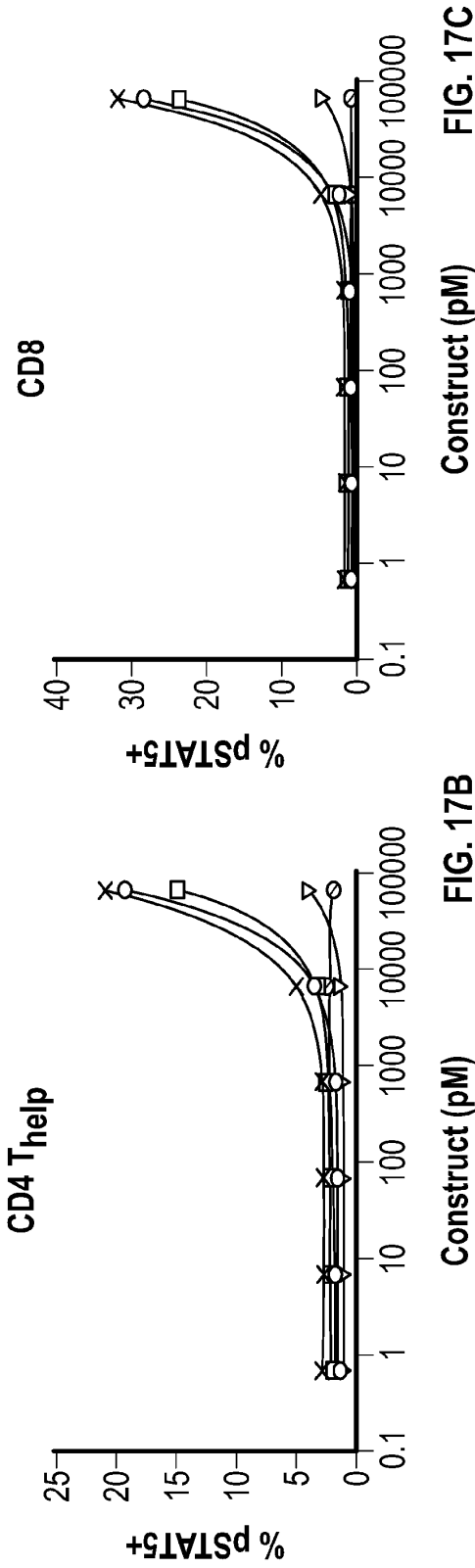
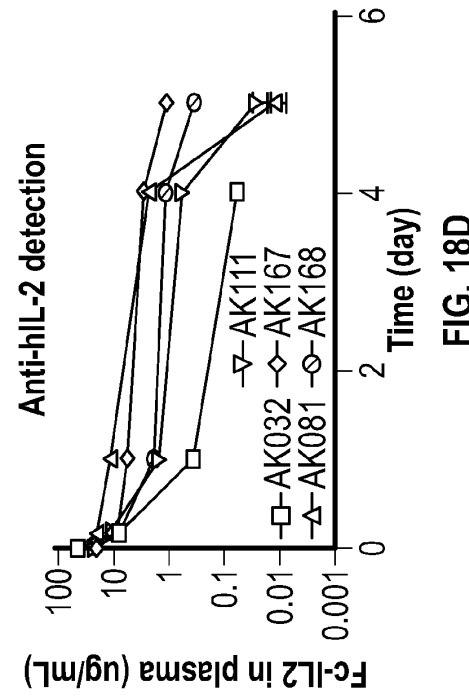
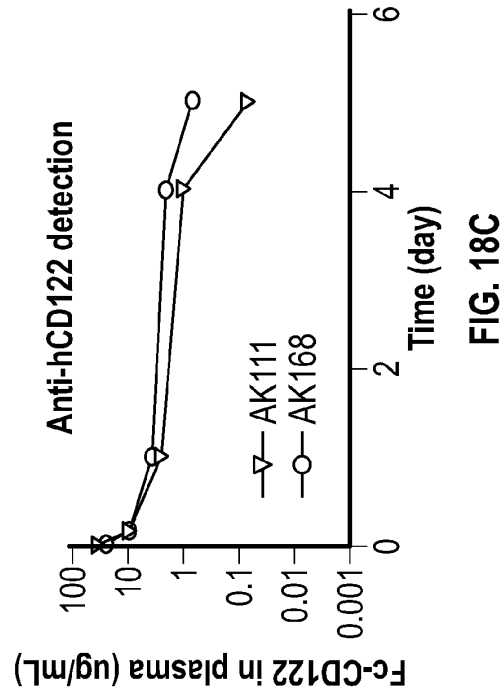
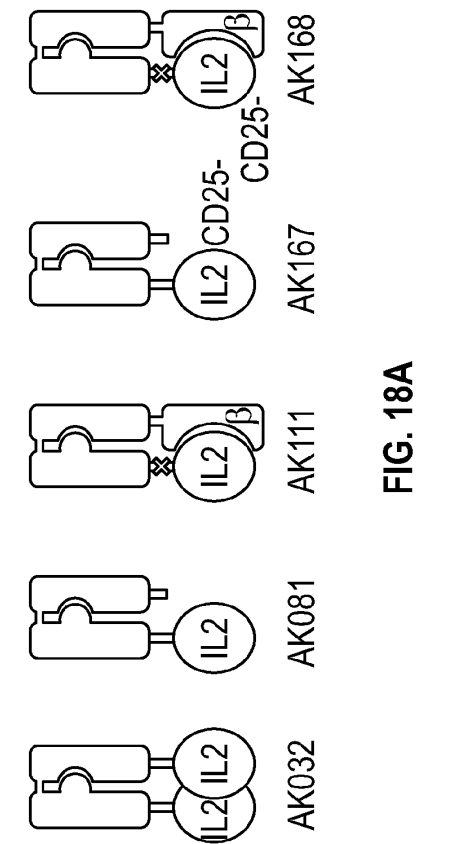
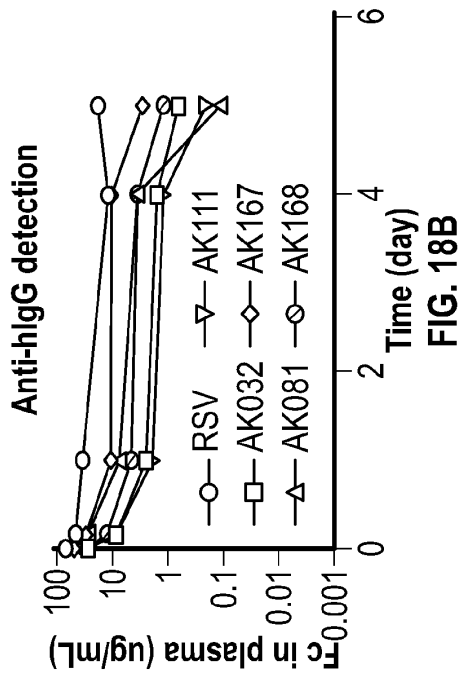


FIG. 17B

Construct (pM)

FIG. 17C



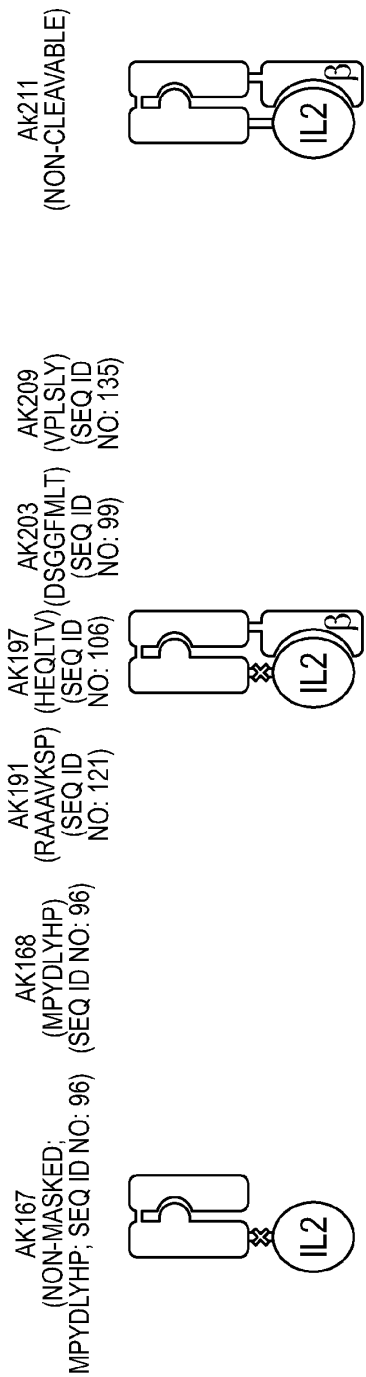


FIG. 19A

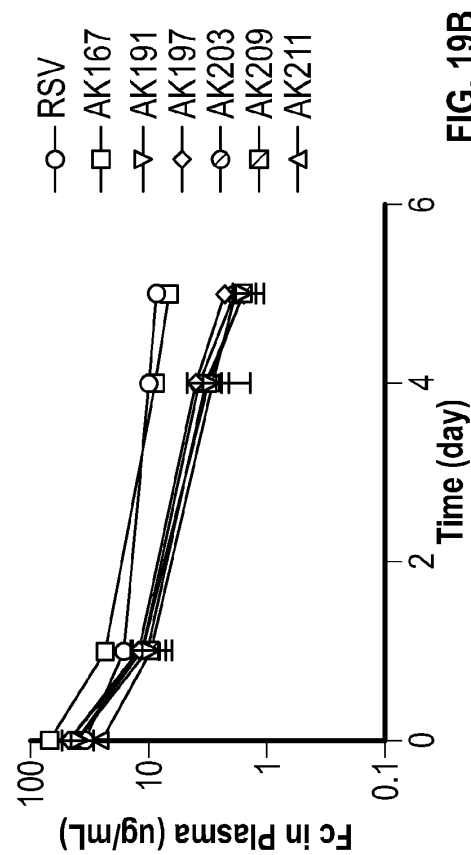
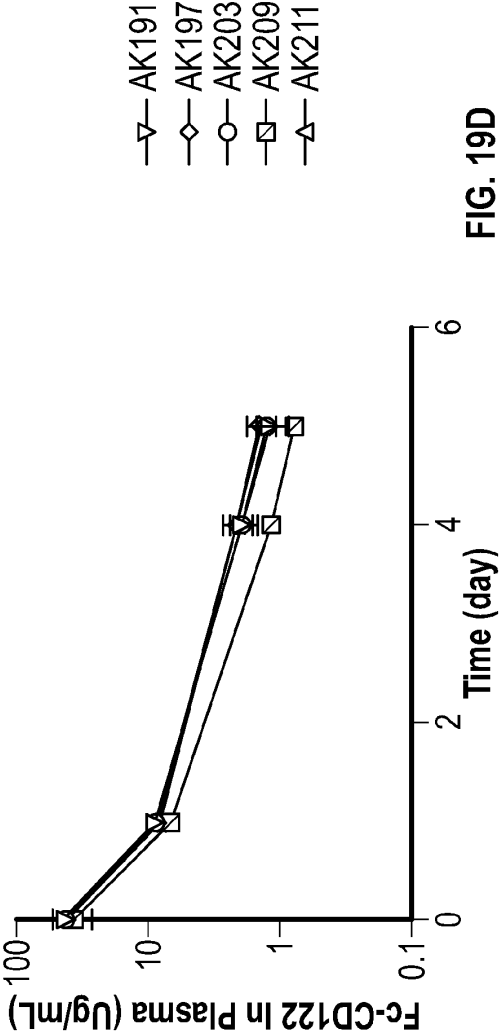
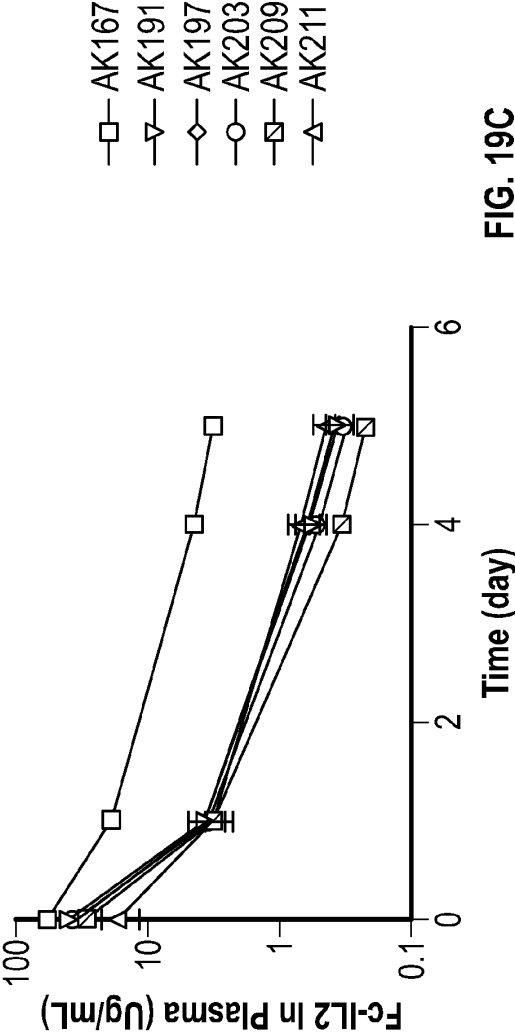
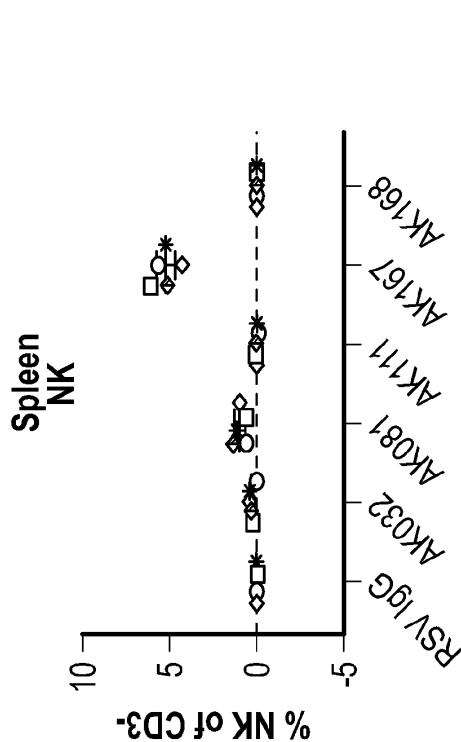
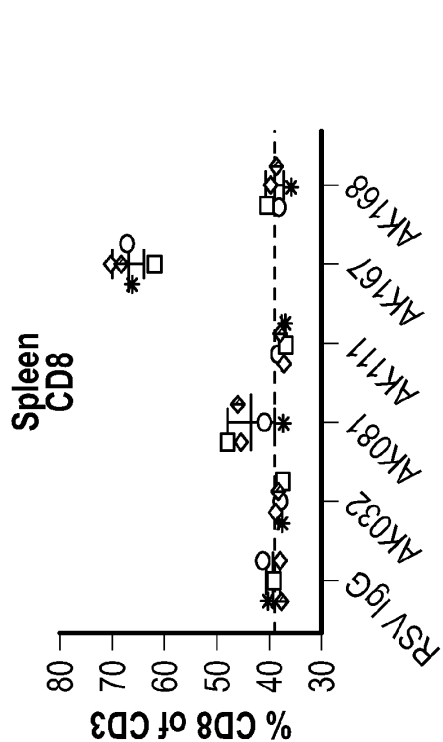
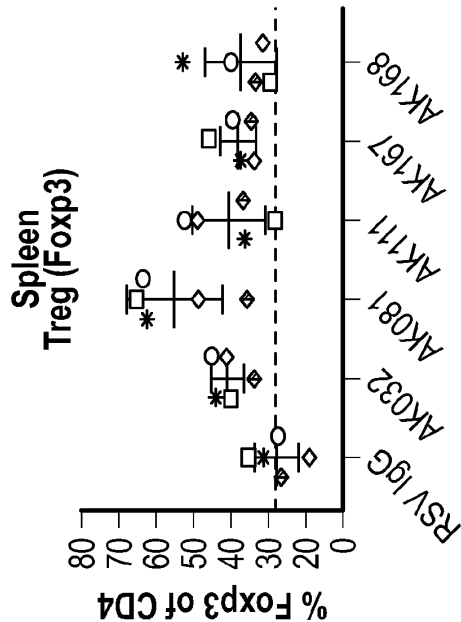
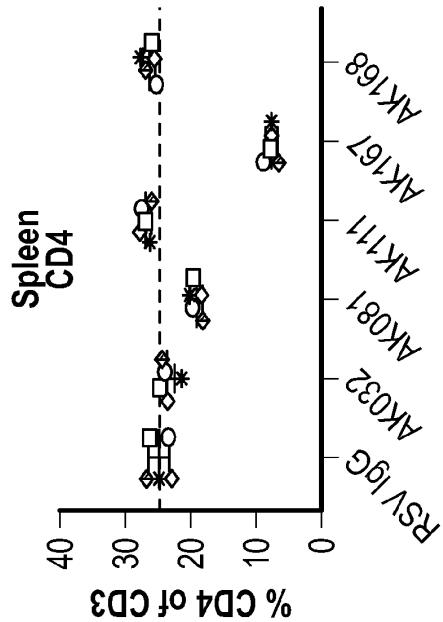
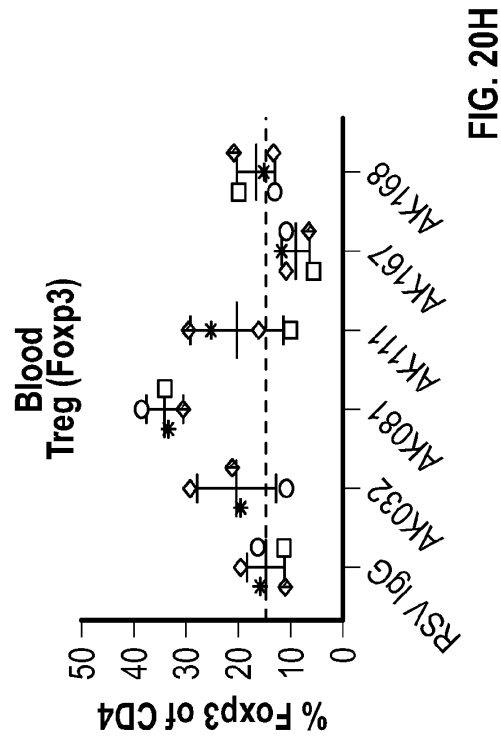
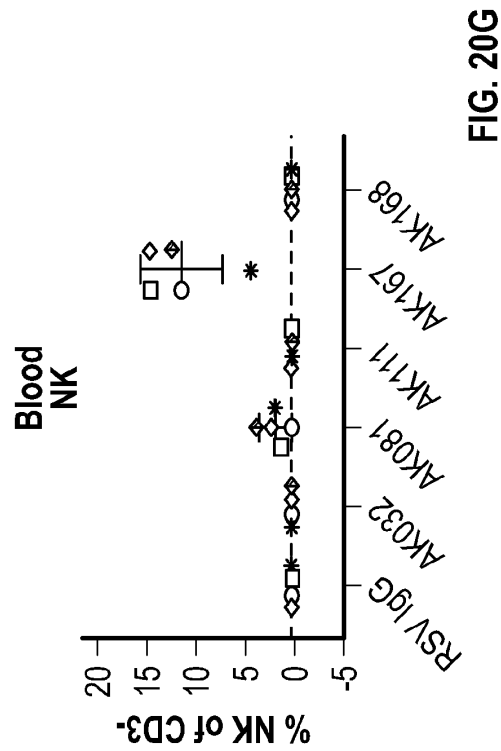
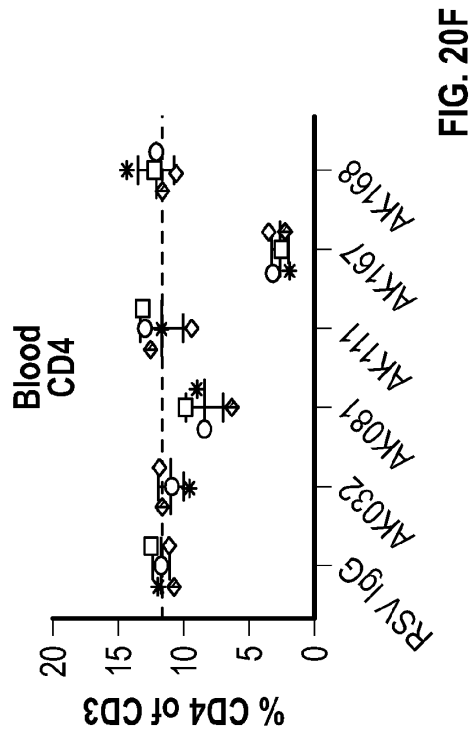
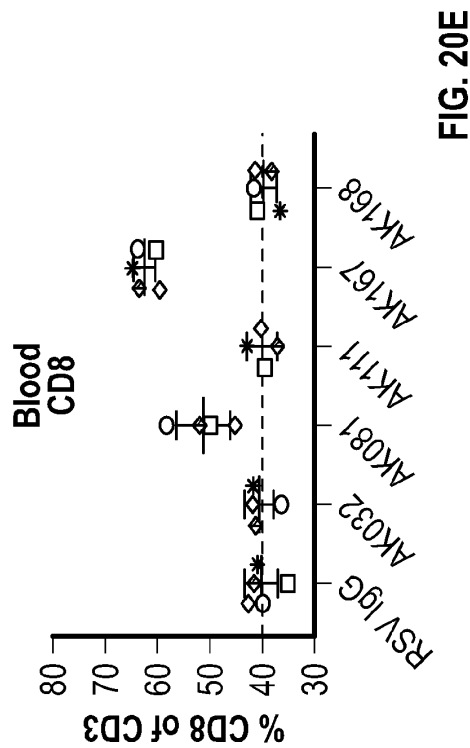


FIG. 19B







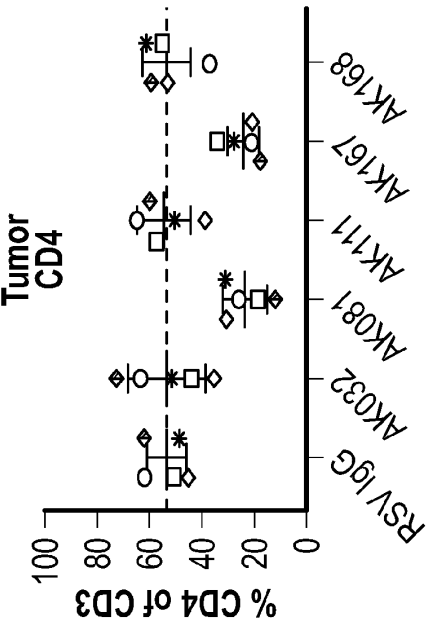


FIG. 20J

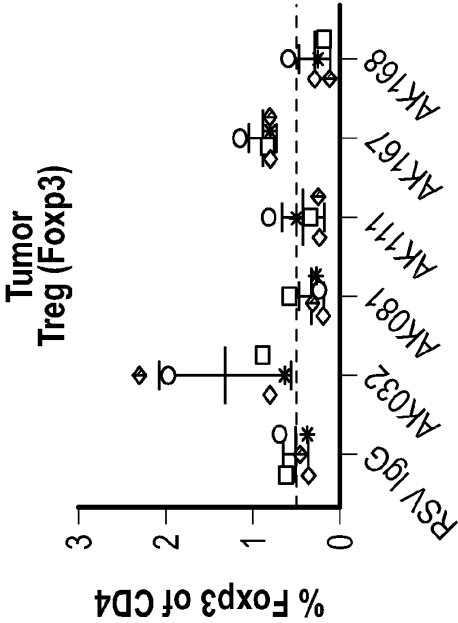


FIG. 20L

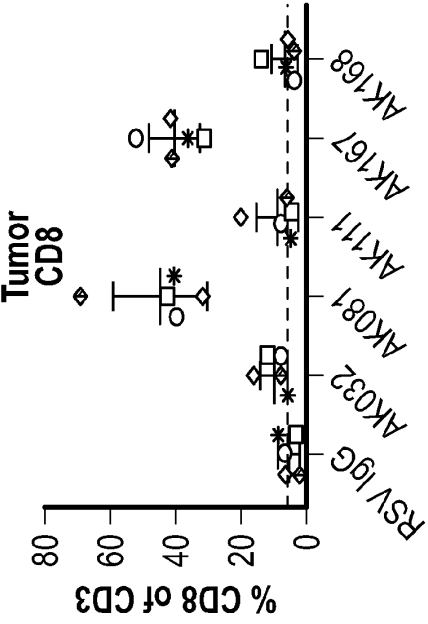


FIG. 20I

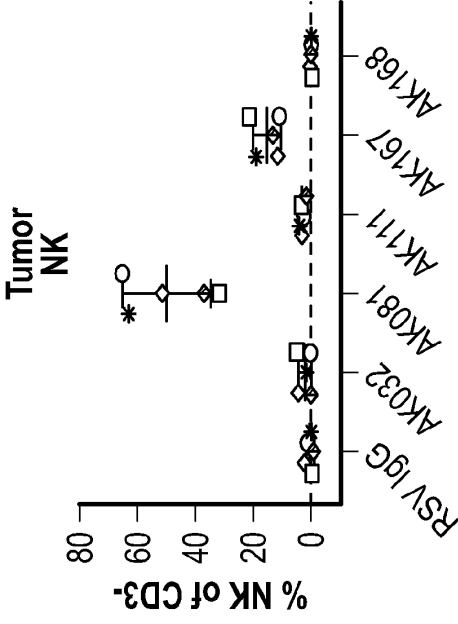
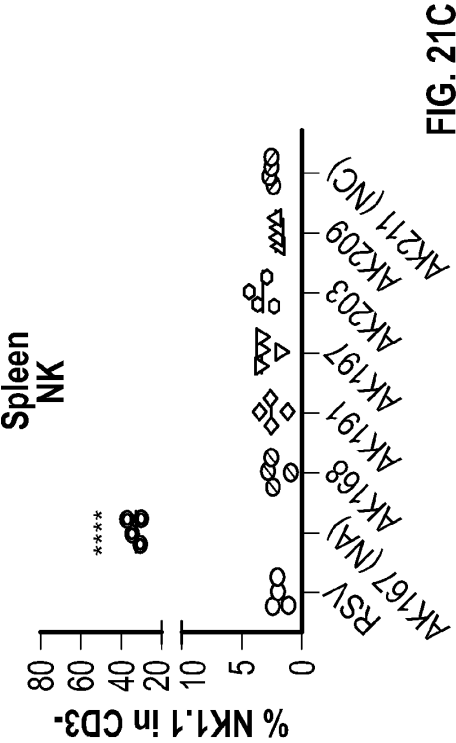
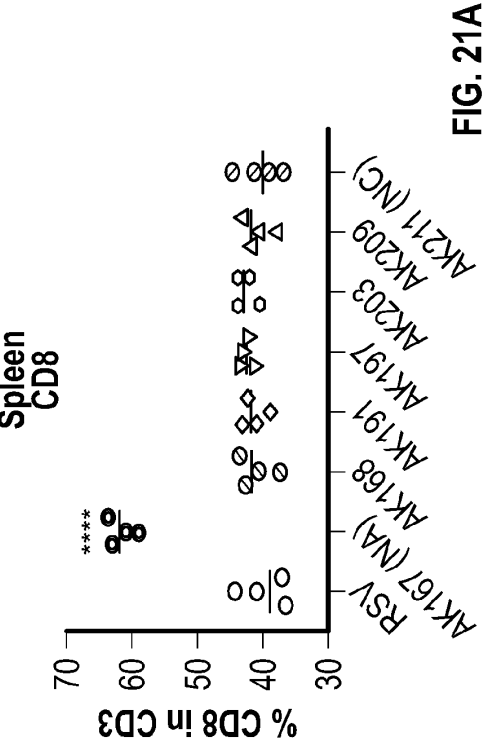
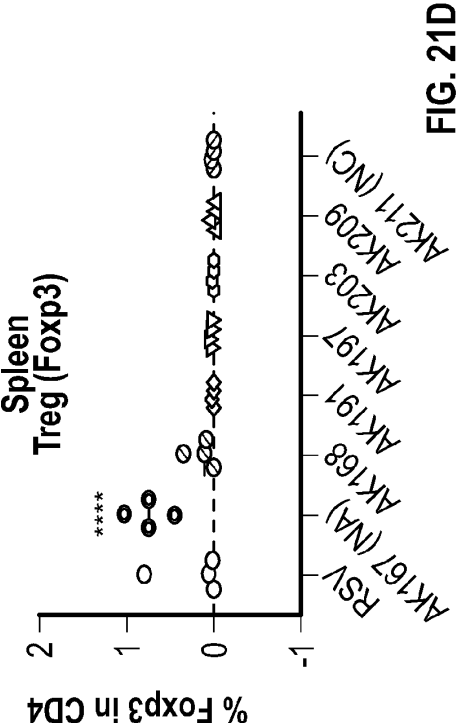
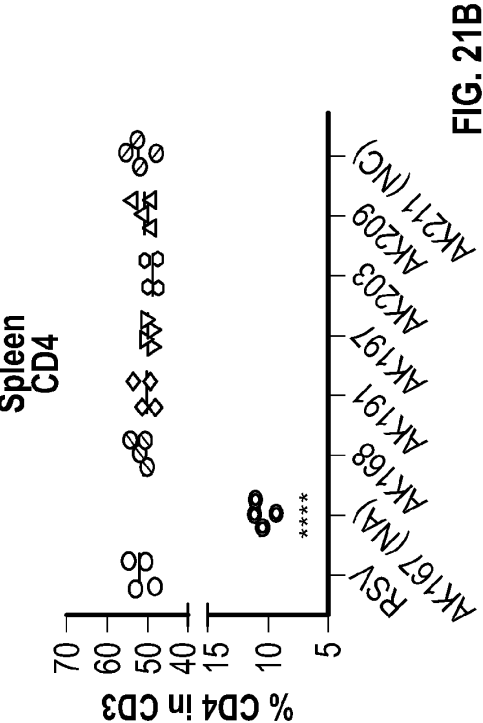
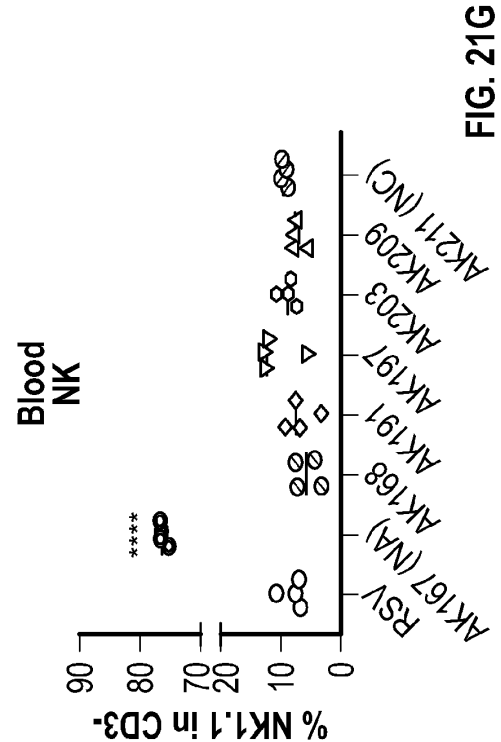
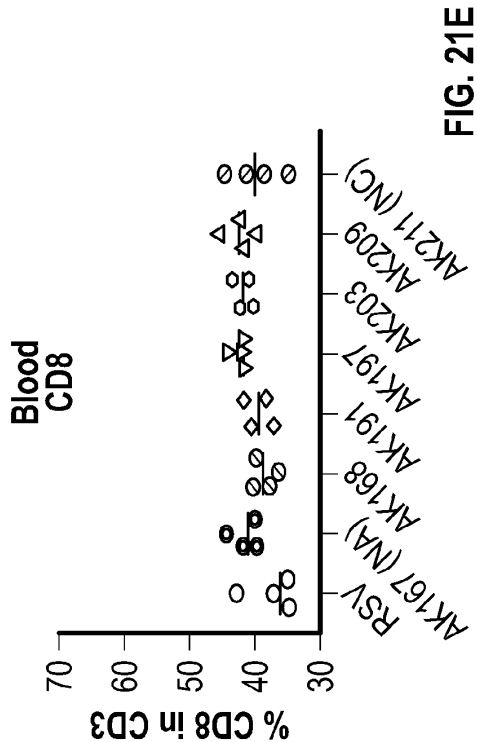
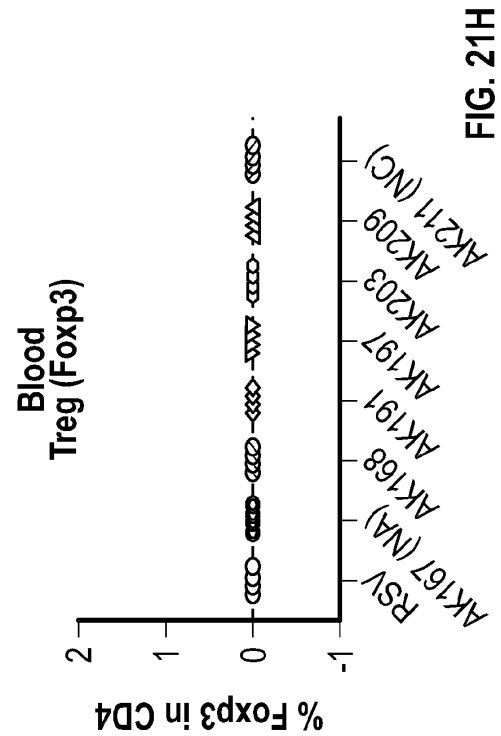
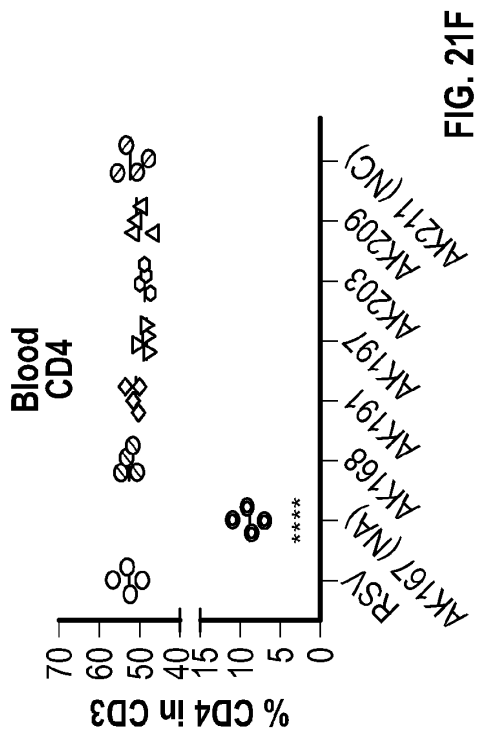
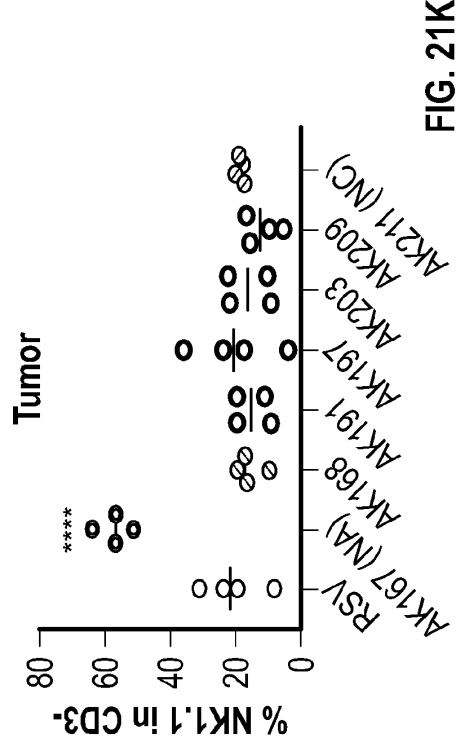
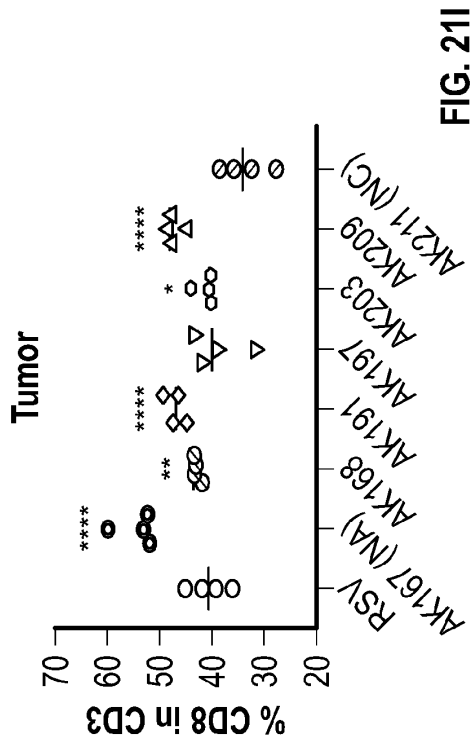
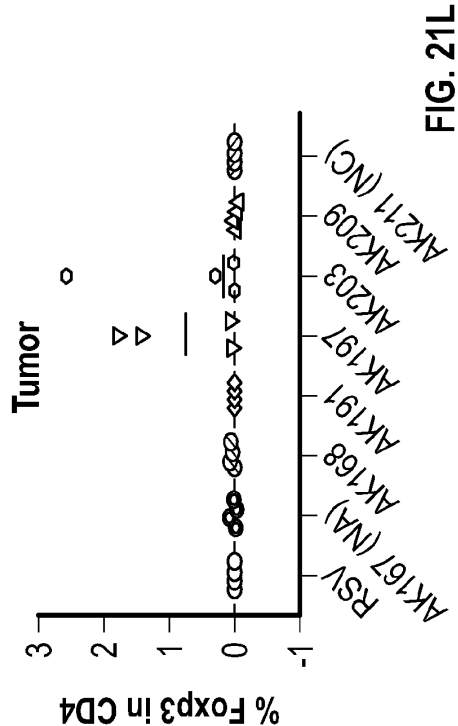
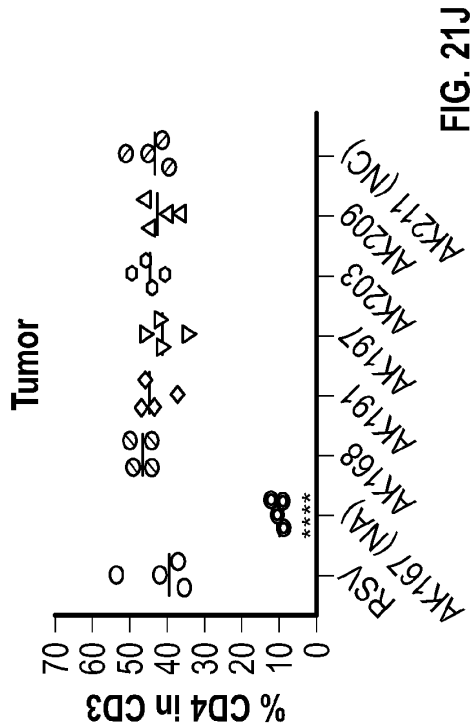


FIG. 20K







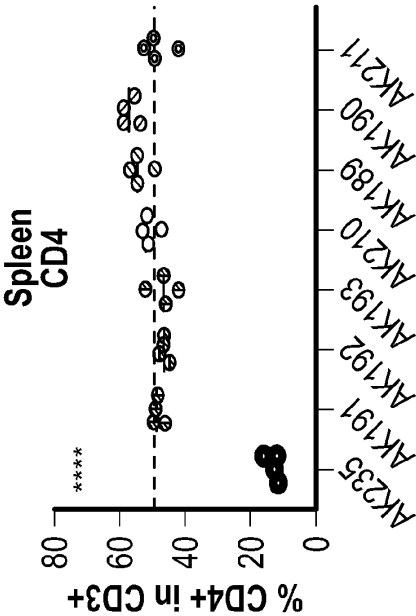


FIG. 22B

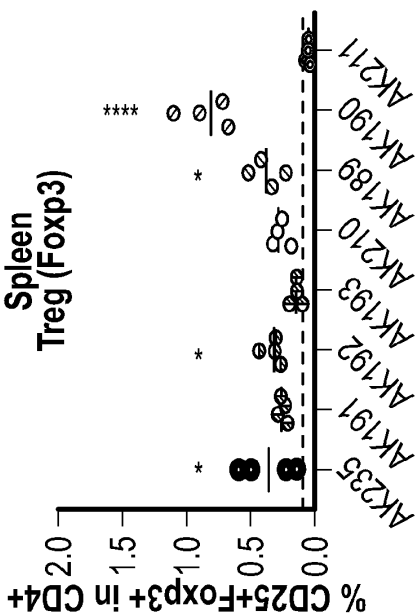


FIG. 22C

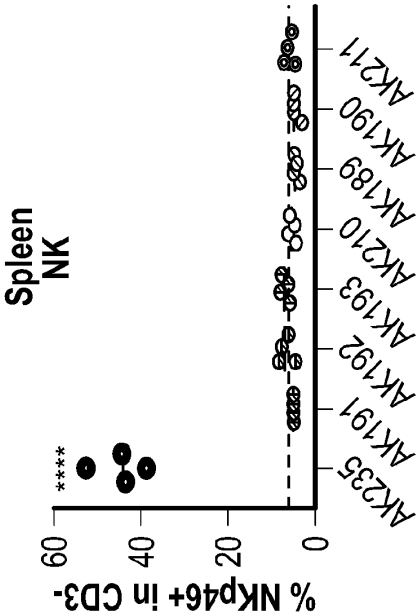
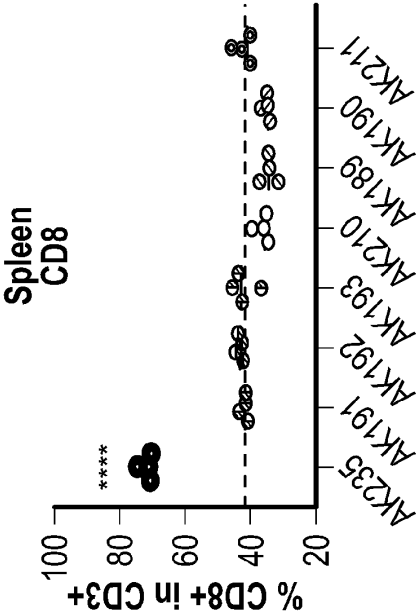


FIG. 22D



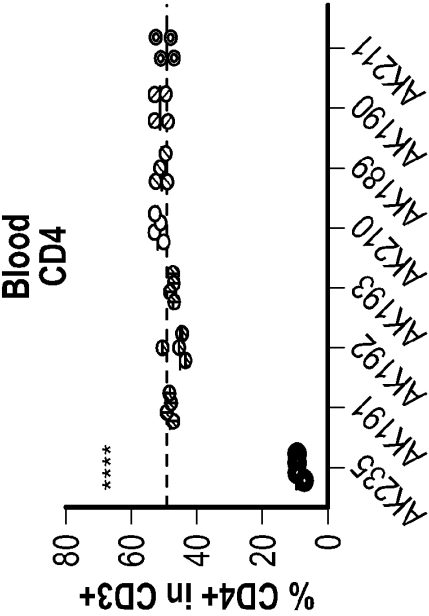


FIG. 22F

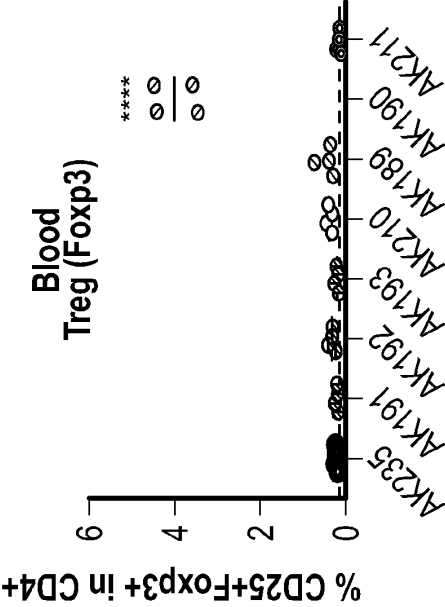


FIG. 22H

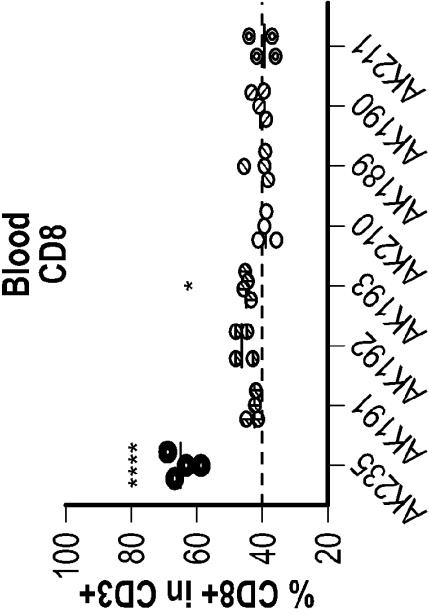


FIG. 22E

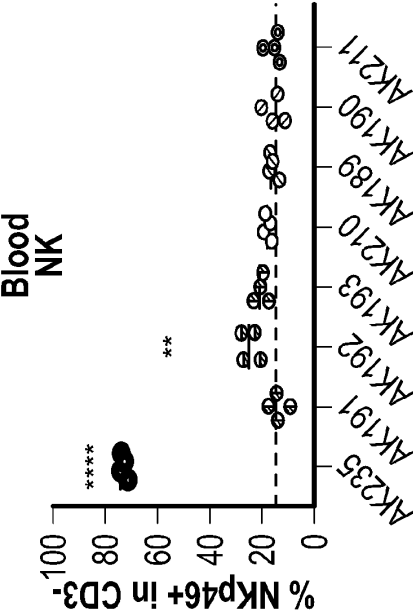


FIG. 22G

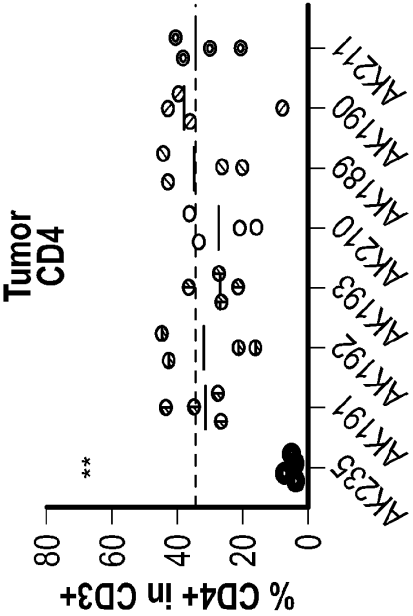


FIG. 22J

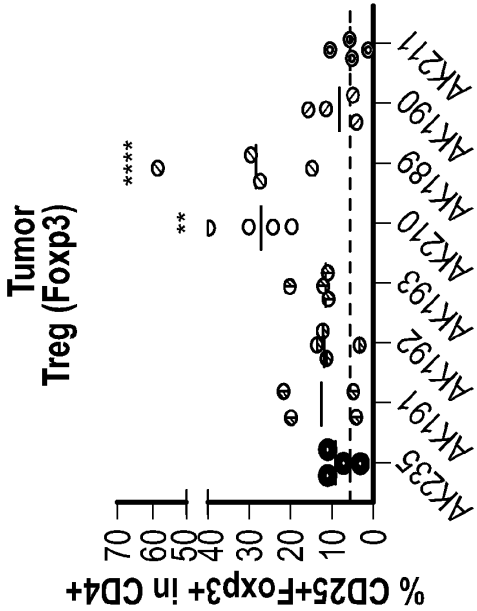


FIG. 22L

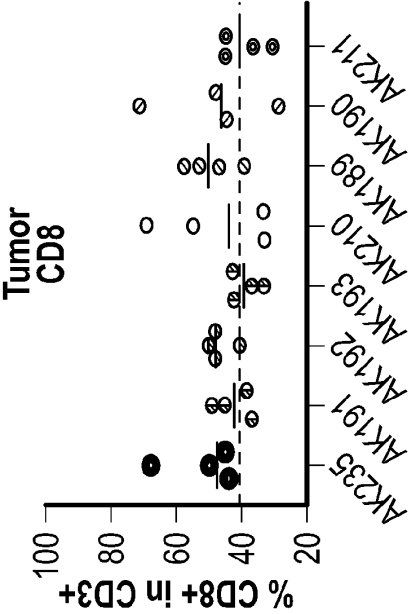


FIG. 22I

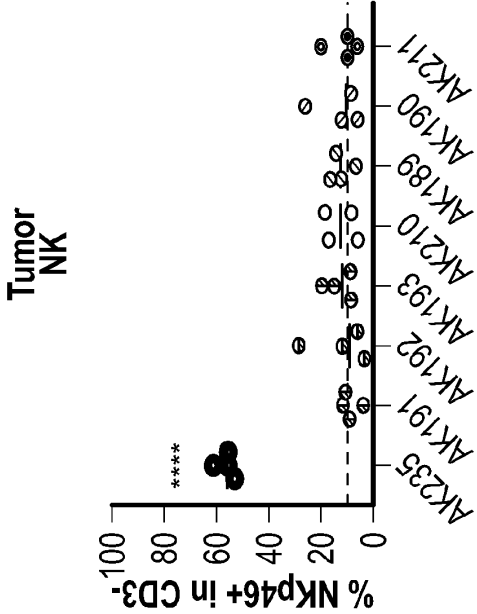
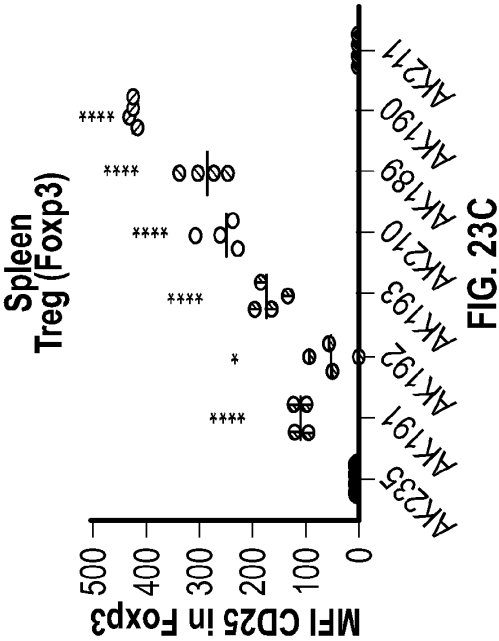
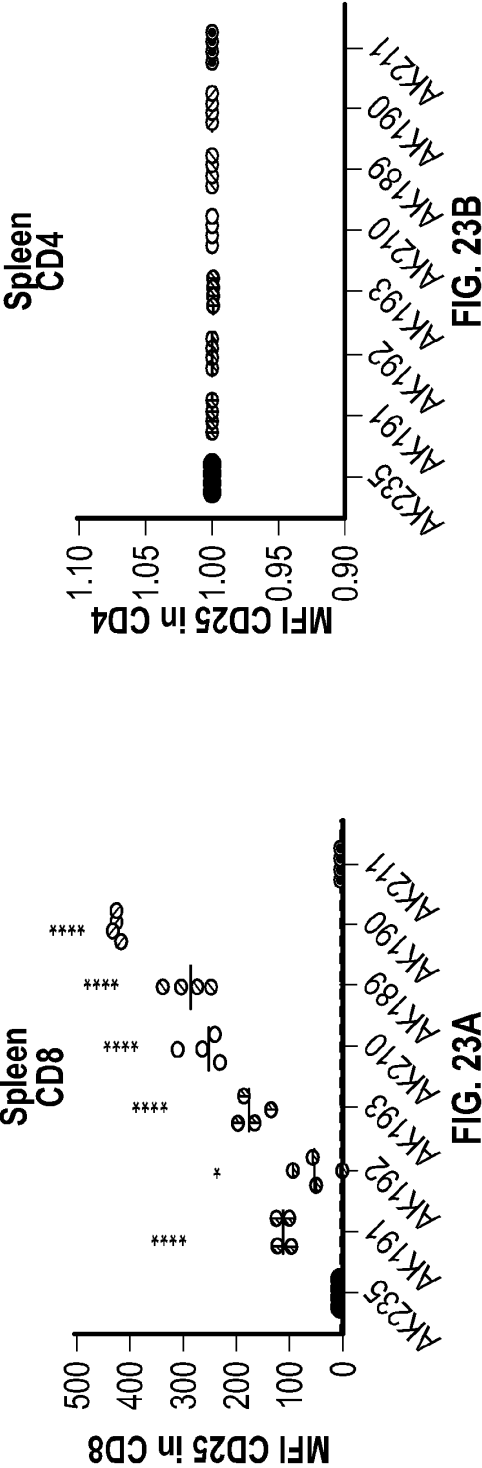
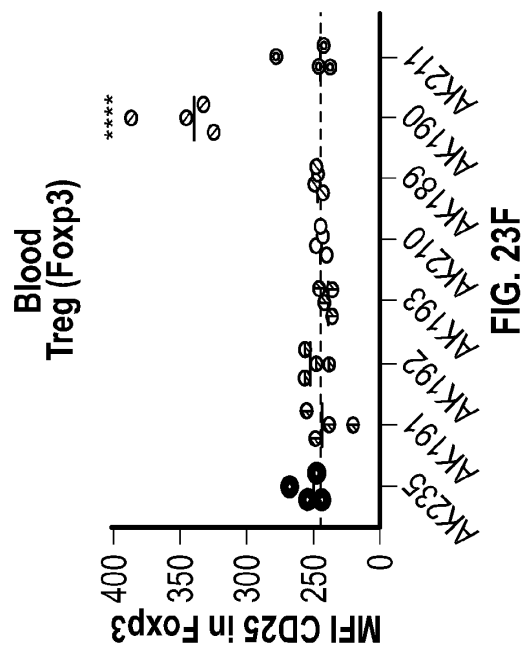
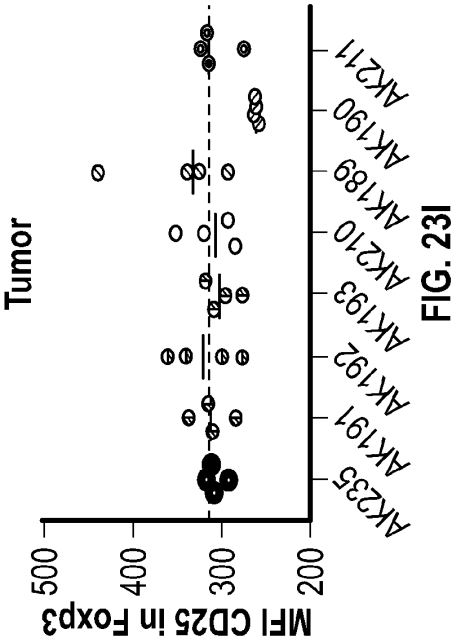
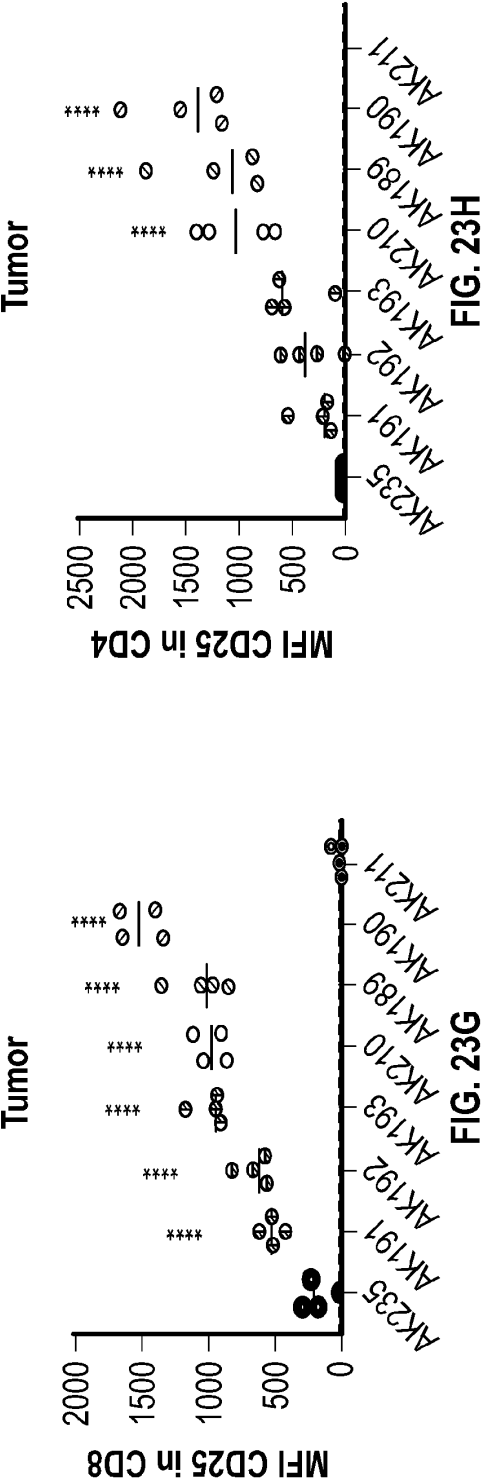


FIG. 22K







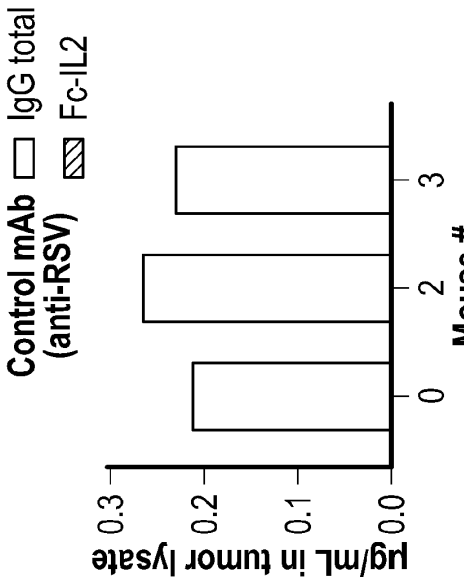


FIG. 24A

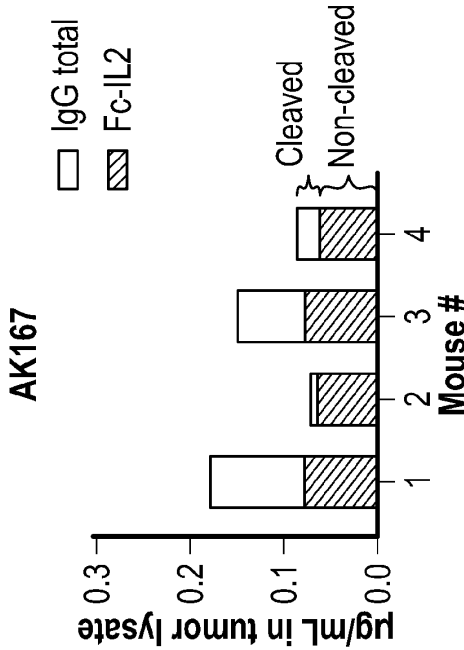


FIG. 24B

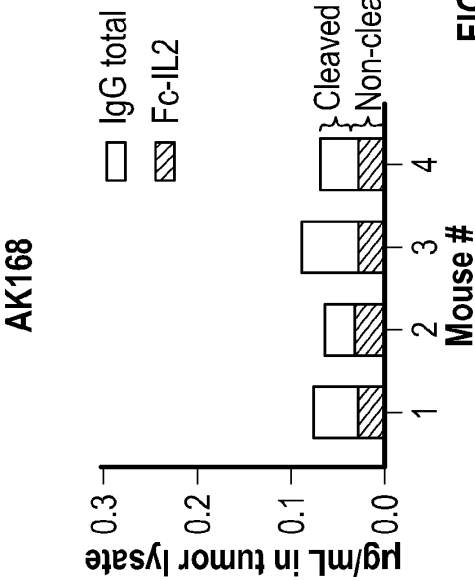


FIG. 24C

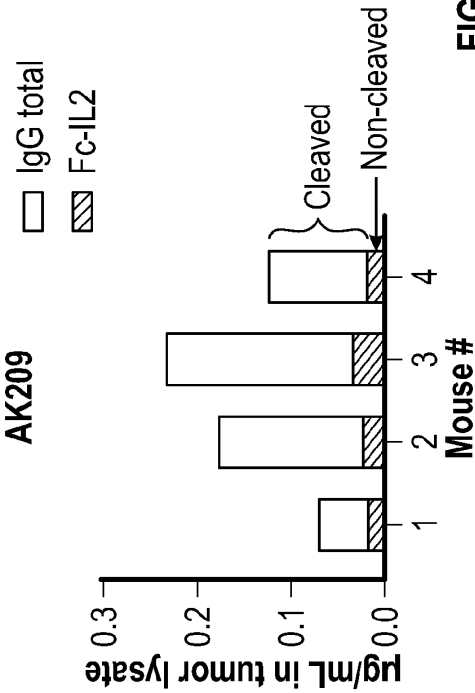


FIG. 24D

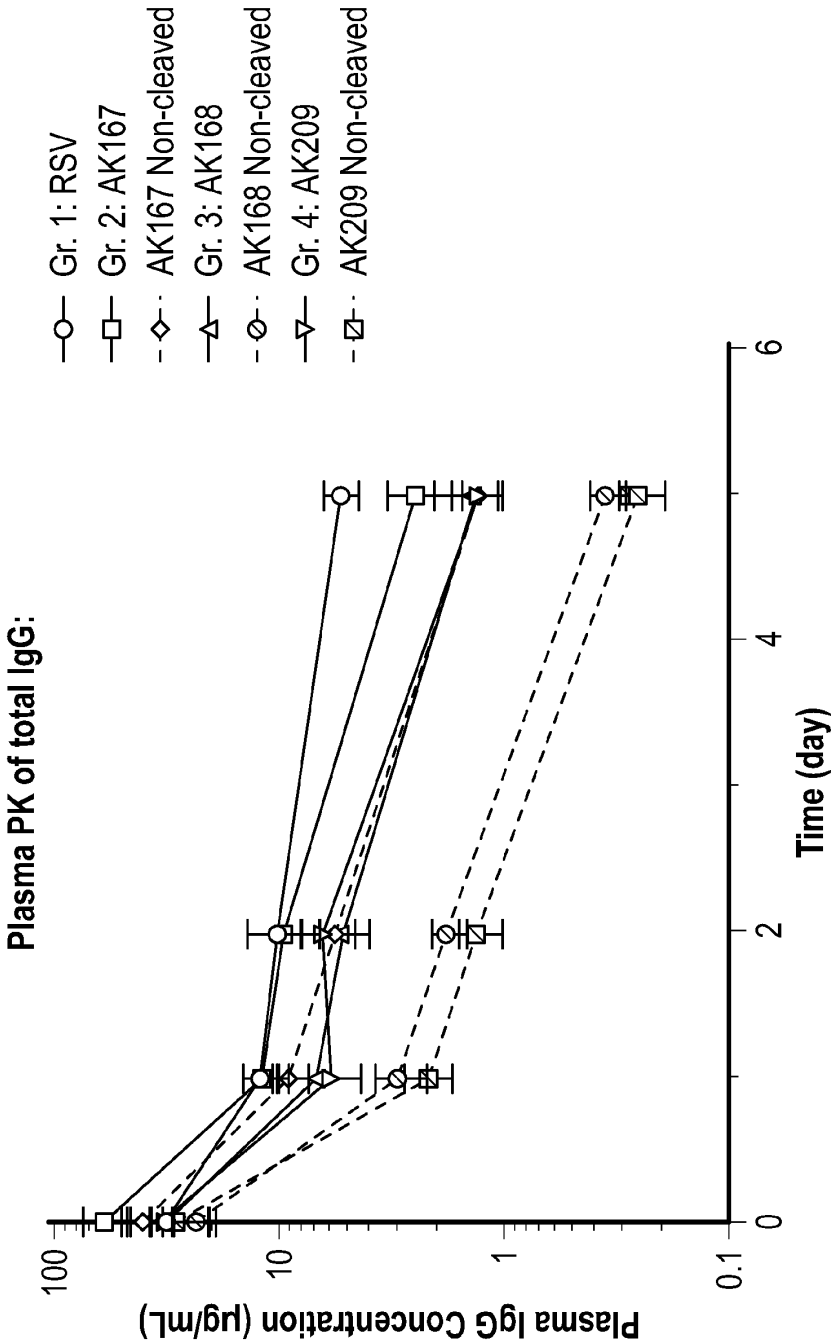


FIG. 24E

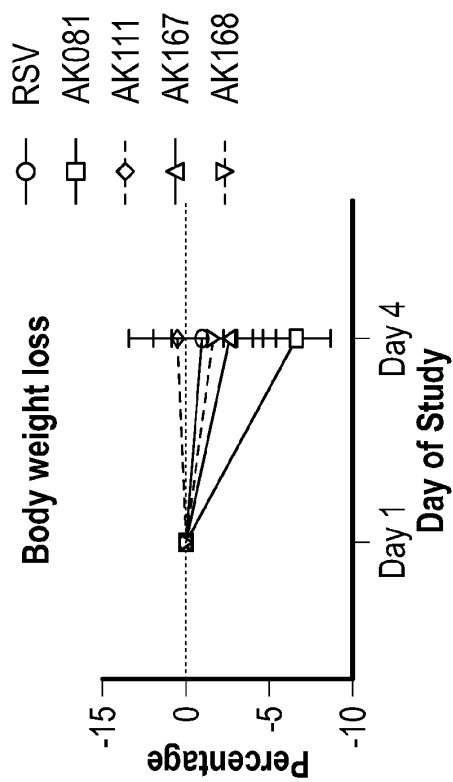


FIG. 25B

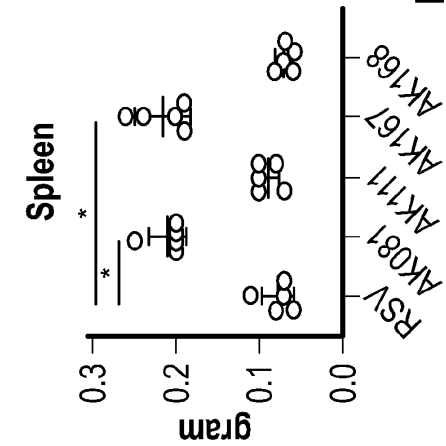
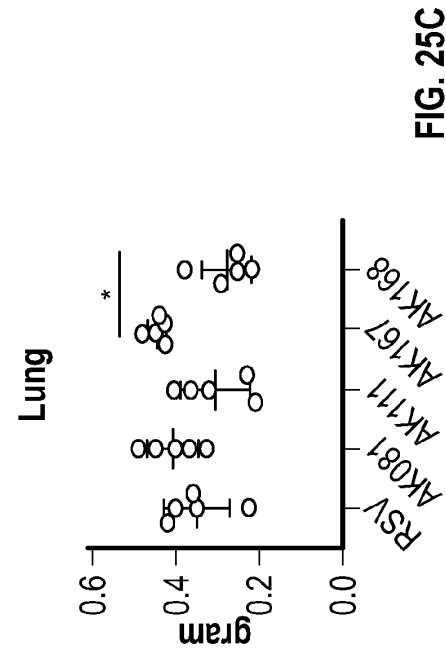
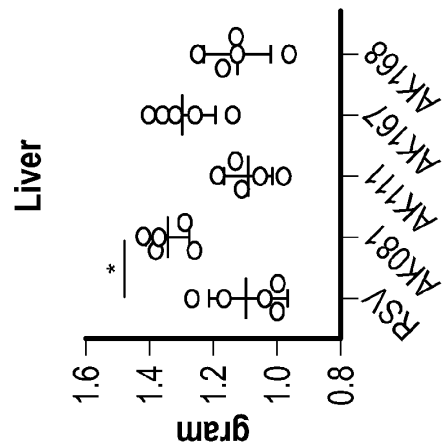


FIG. 25D

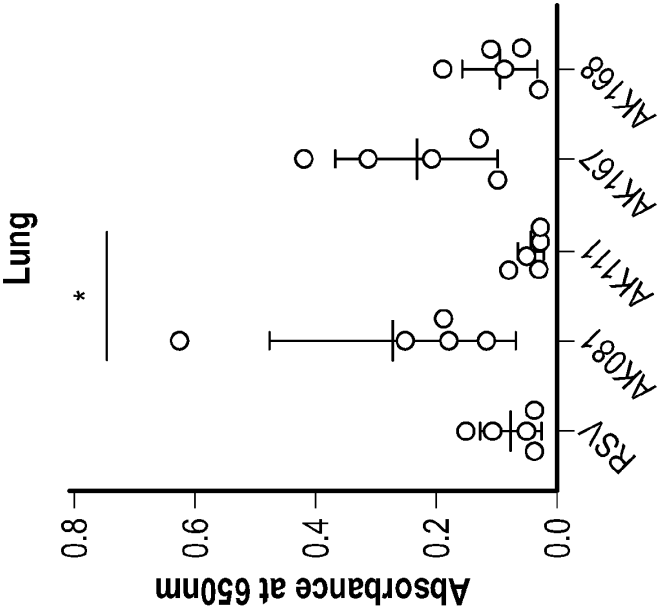


FIG. 26B

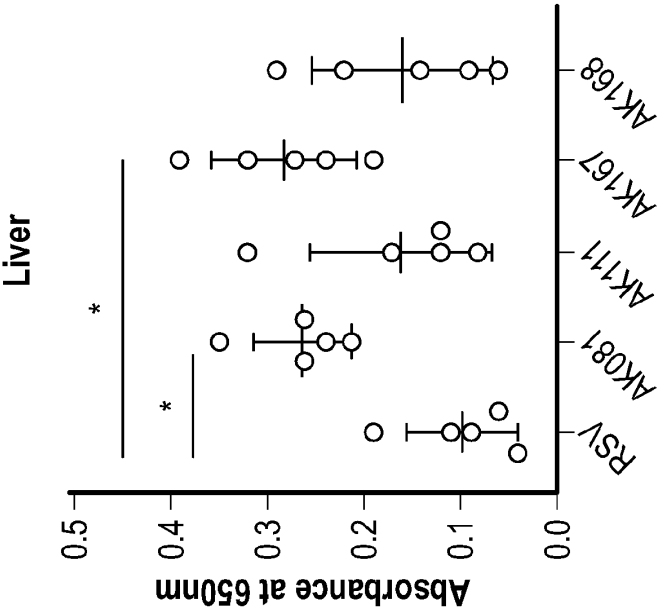


FIG. 26A

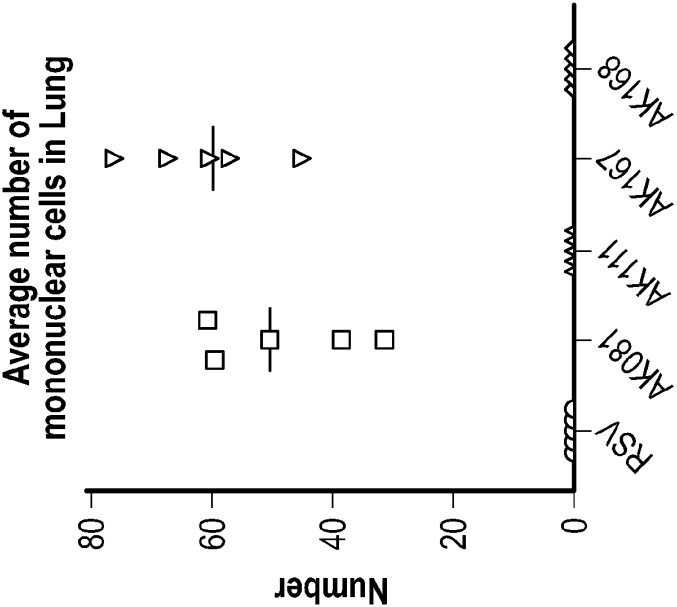


FIG. 27B

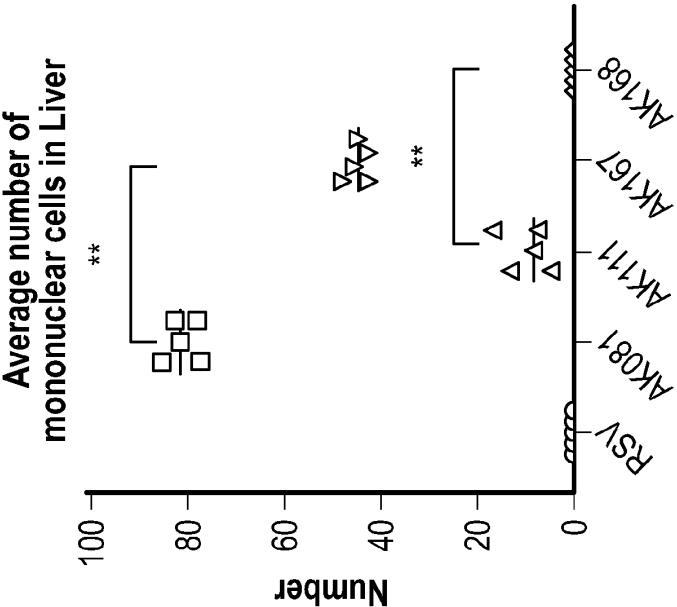


FIG. 27A

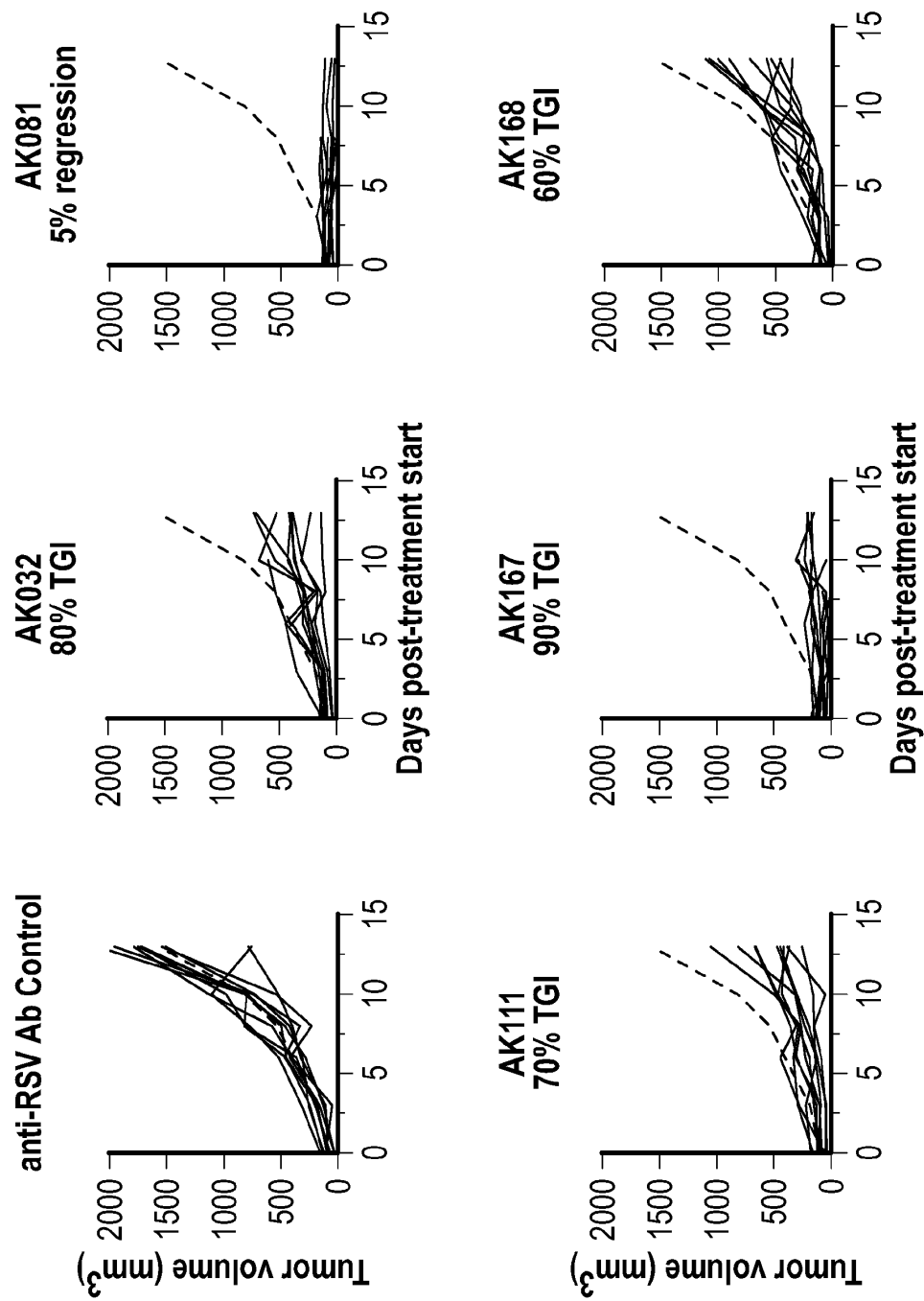


FIG. 28A

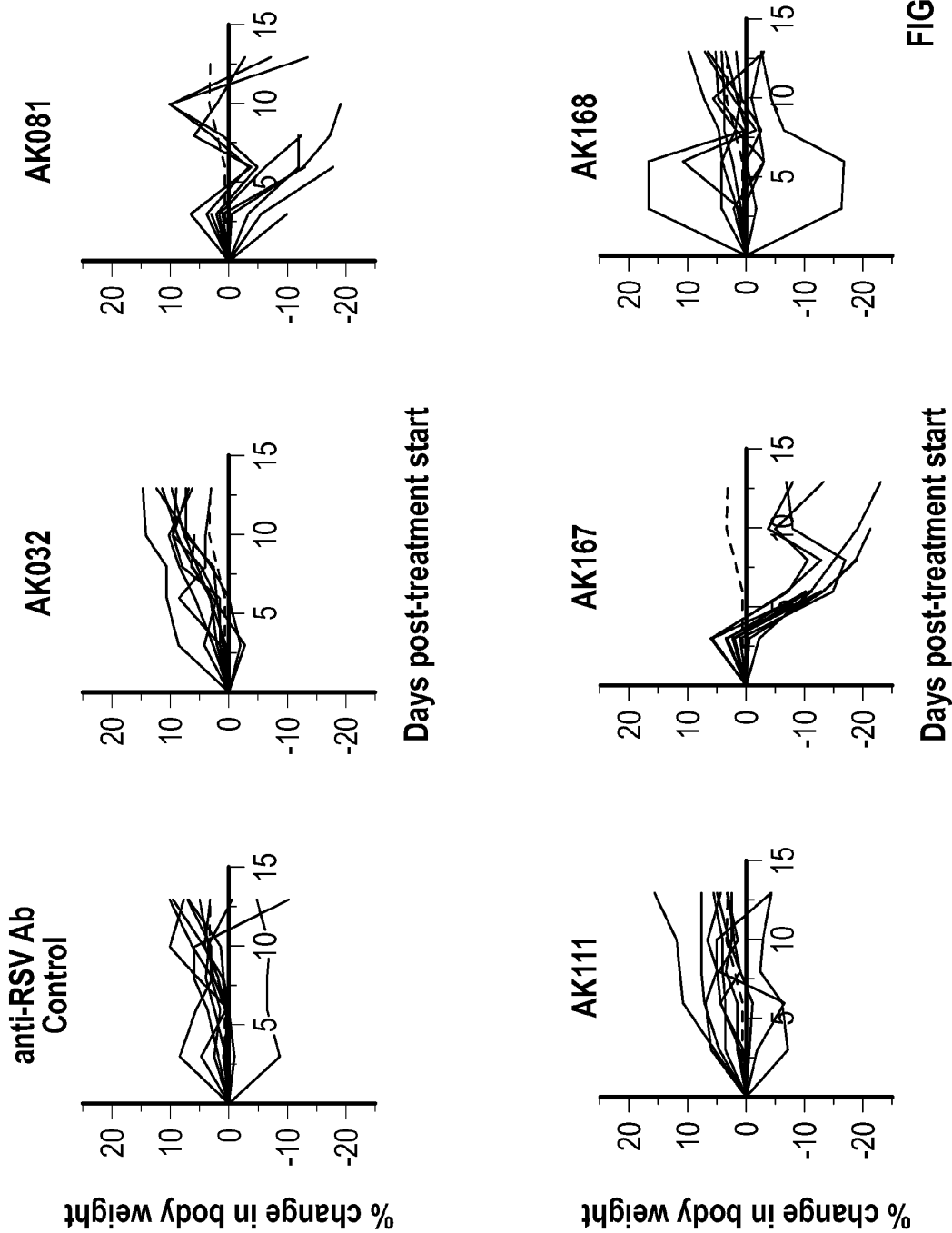


FIG. 28B

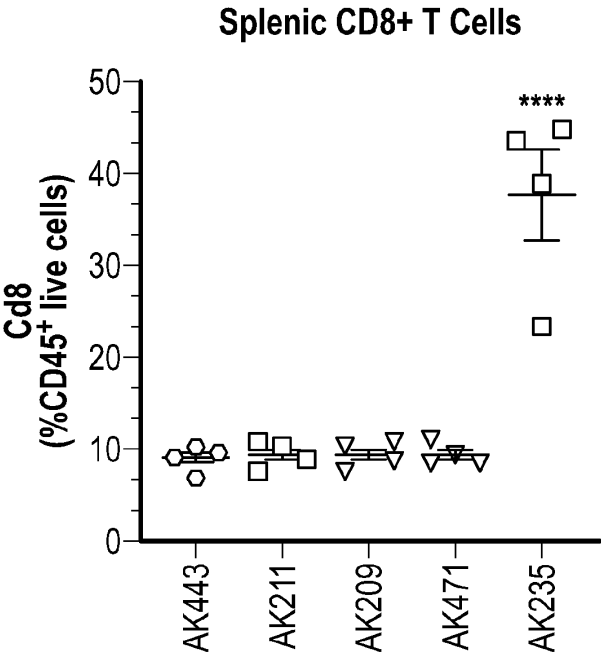


FIG. 29A

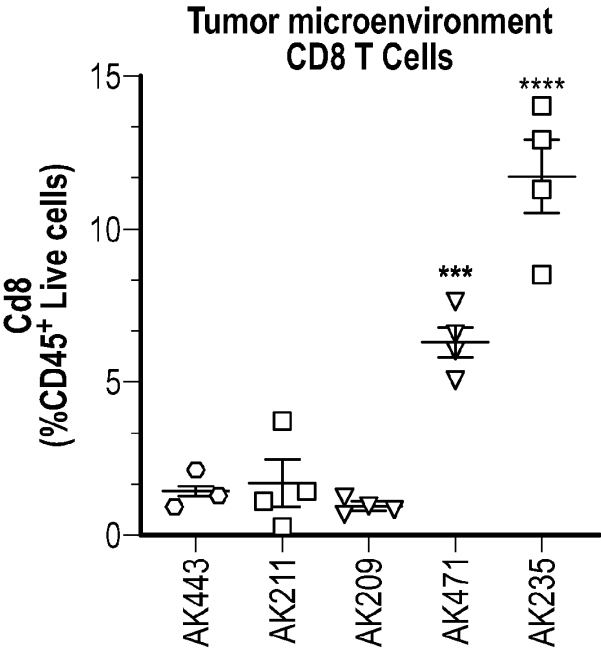
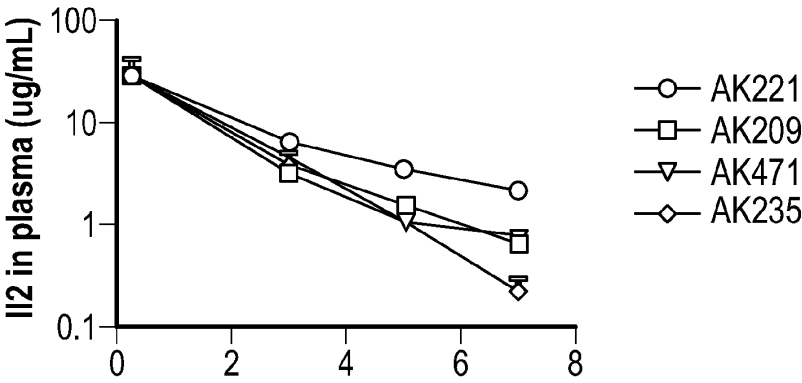
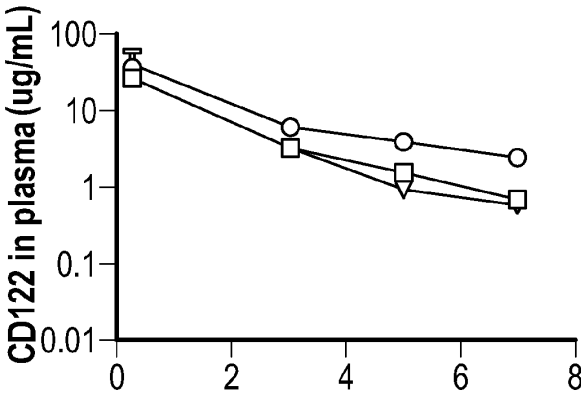
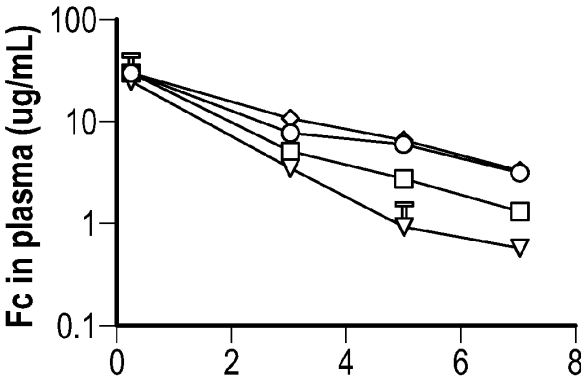


FIG. 29B



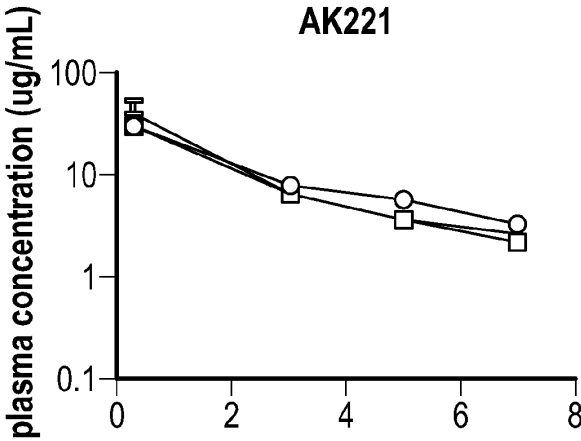


FIG. 31A

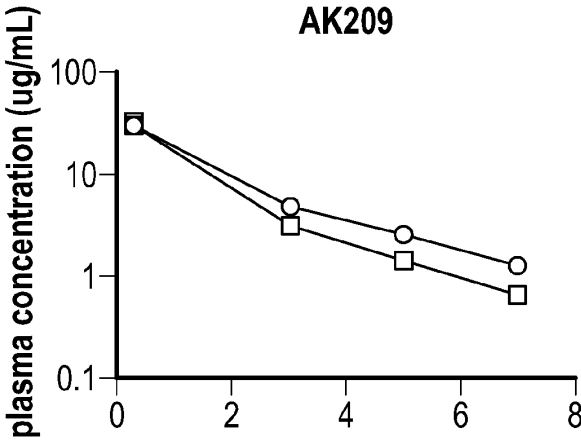


FIG. 31B

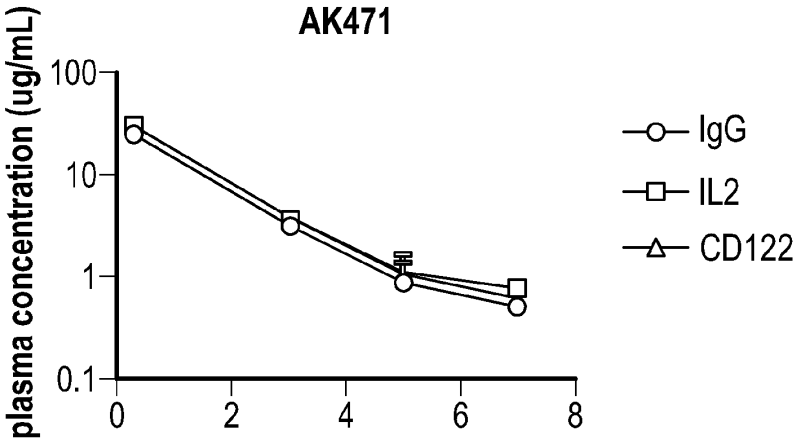


FIG. 31C

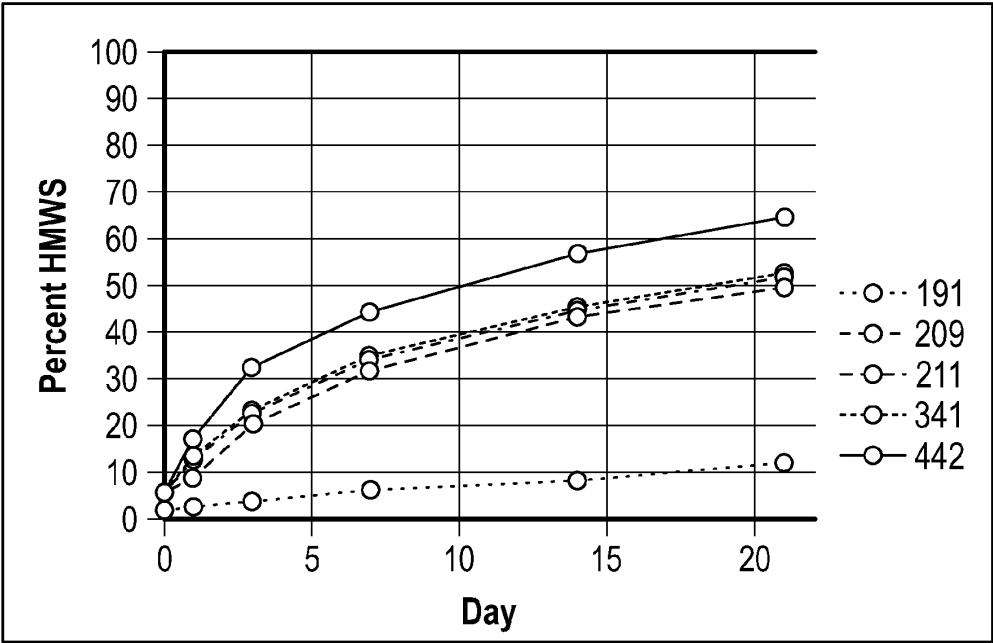


FIG. 32A

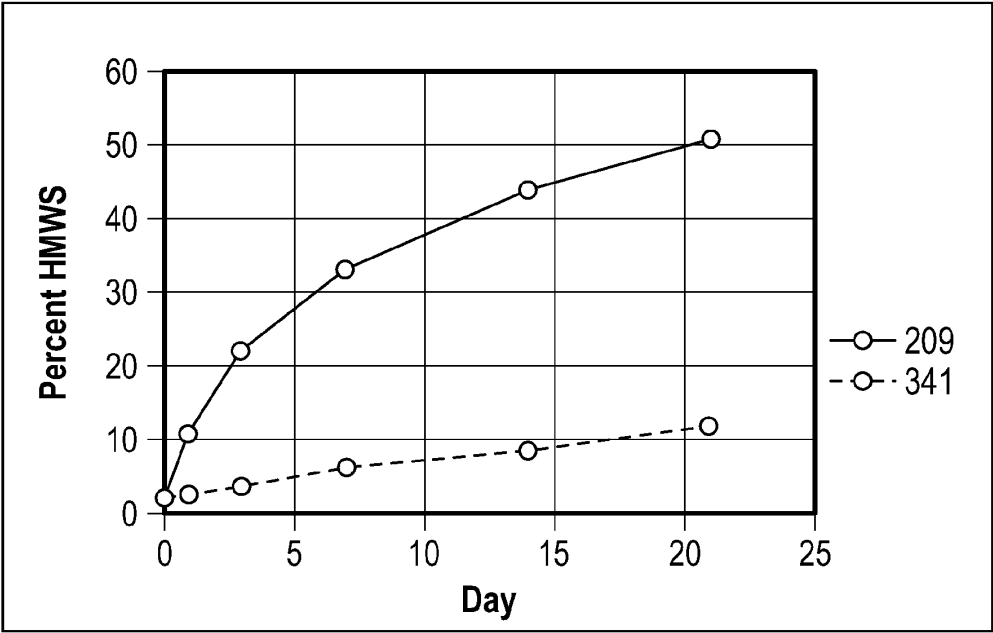


FIG. 32B

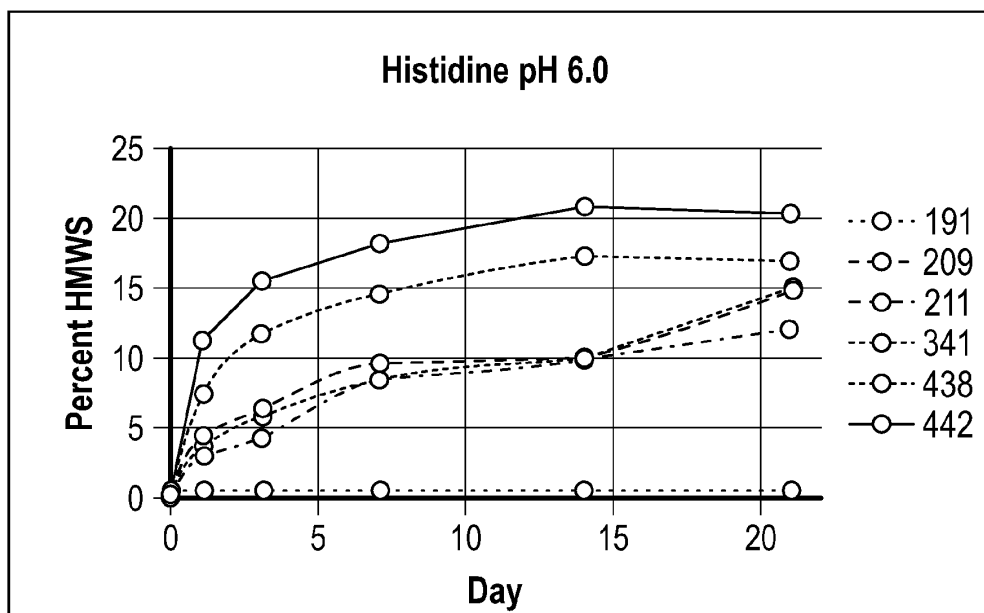


FIG. 33A

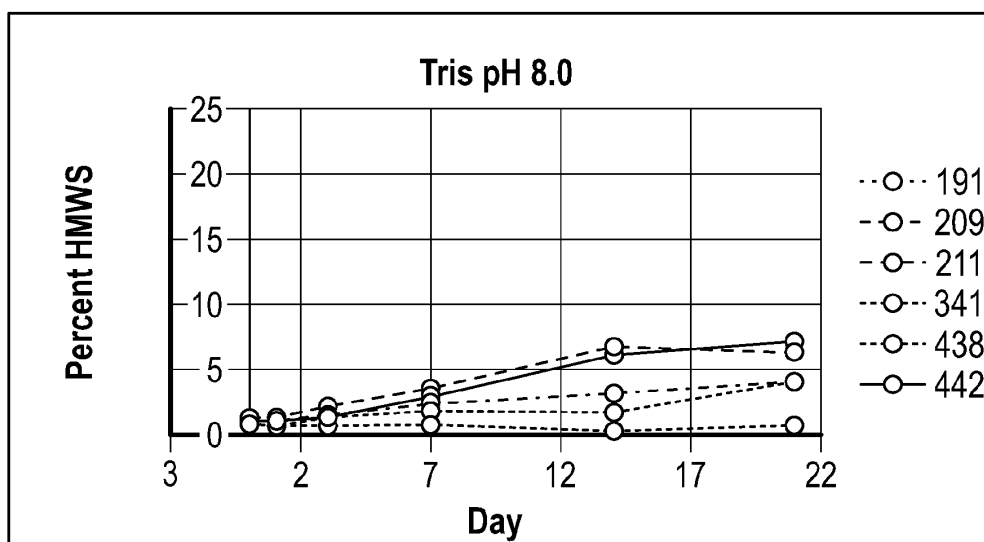


FIG. 33B

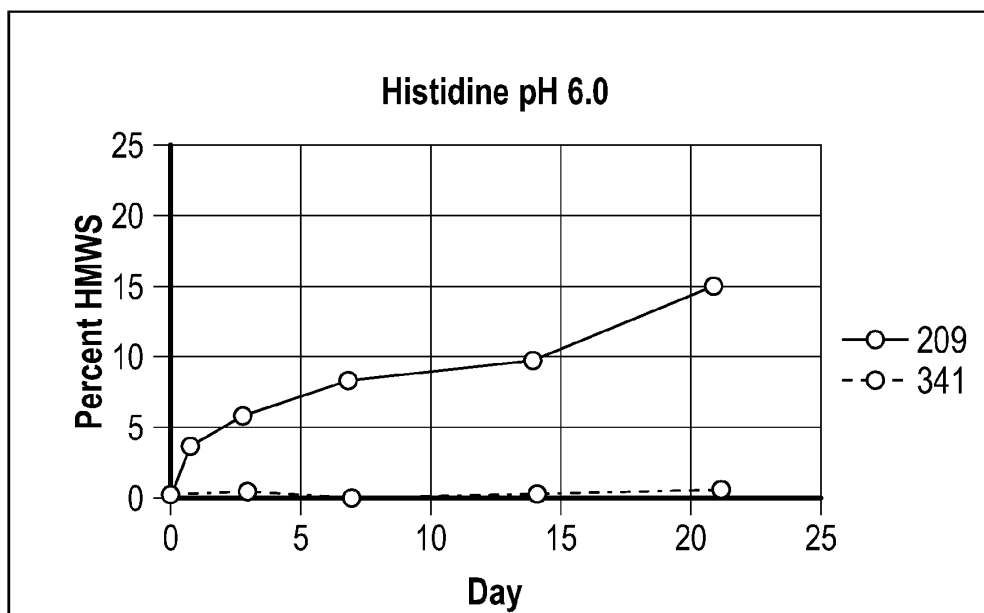


FIG. 33C

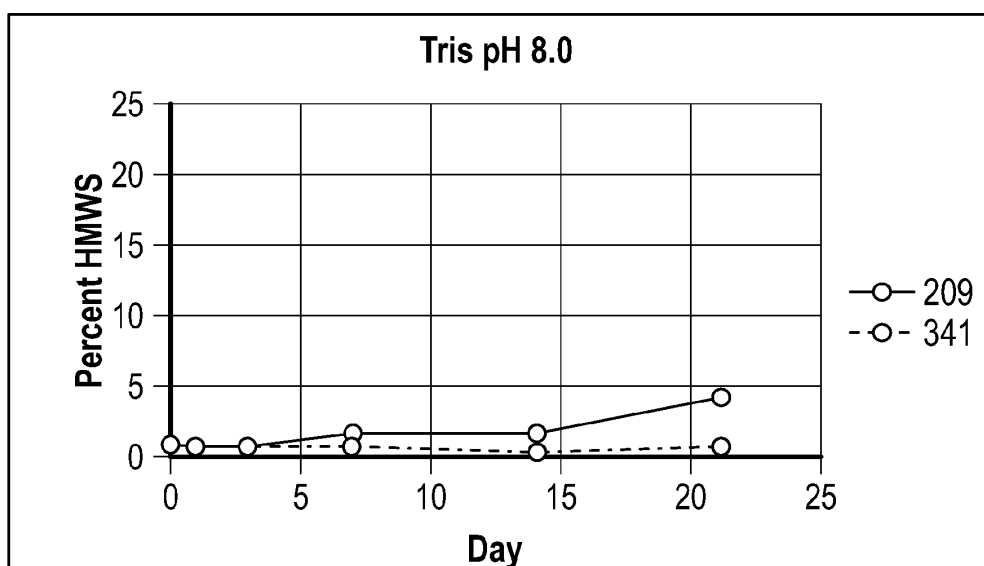


FIG. 33D

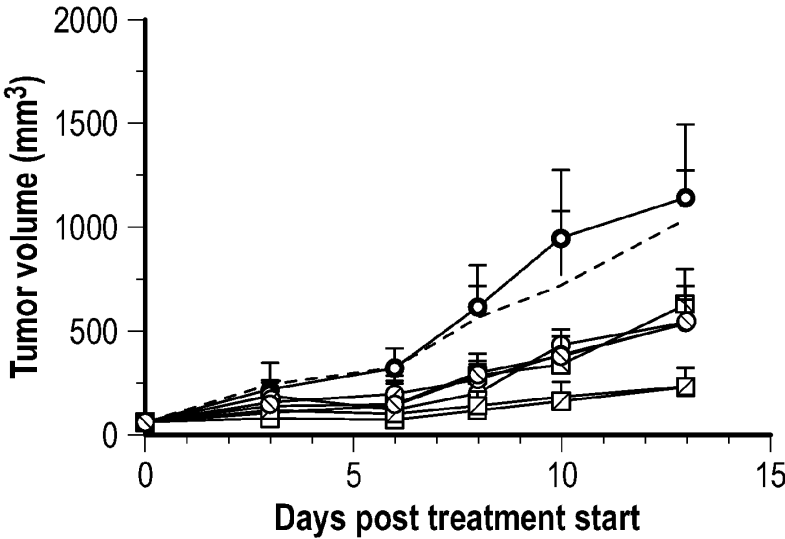


FIG. 34A

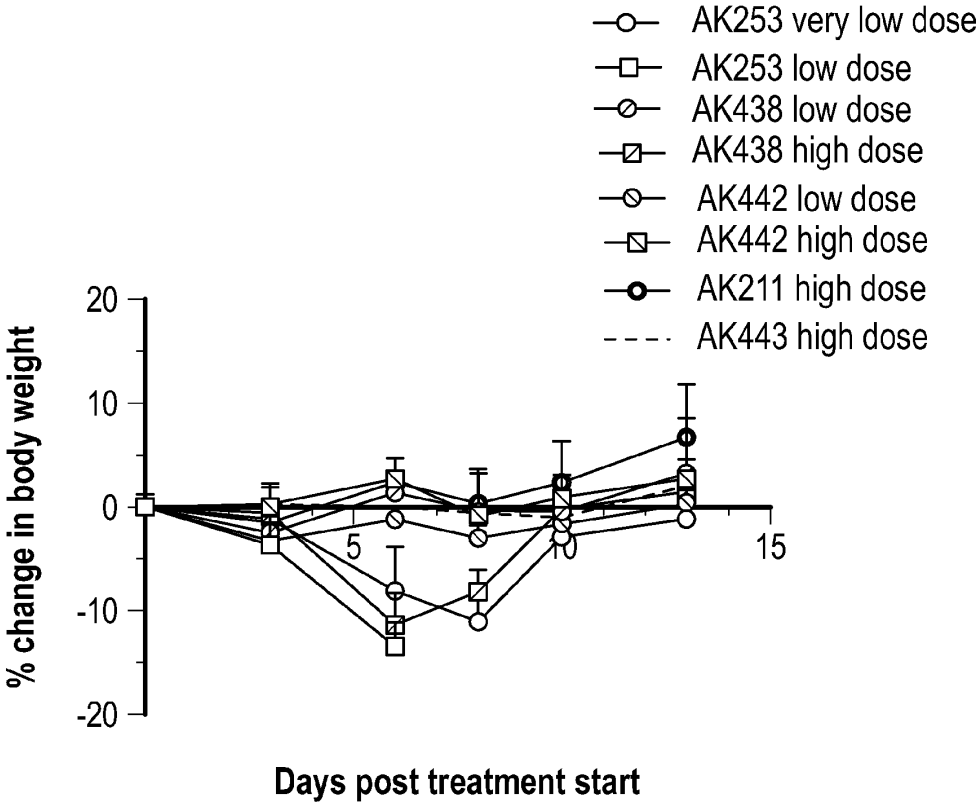
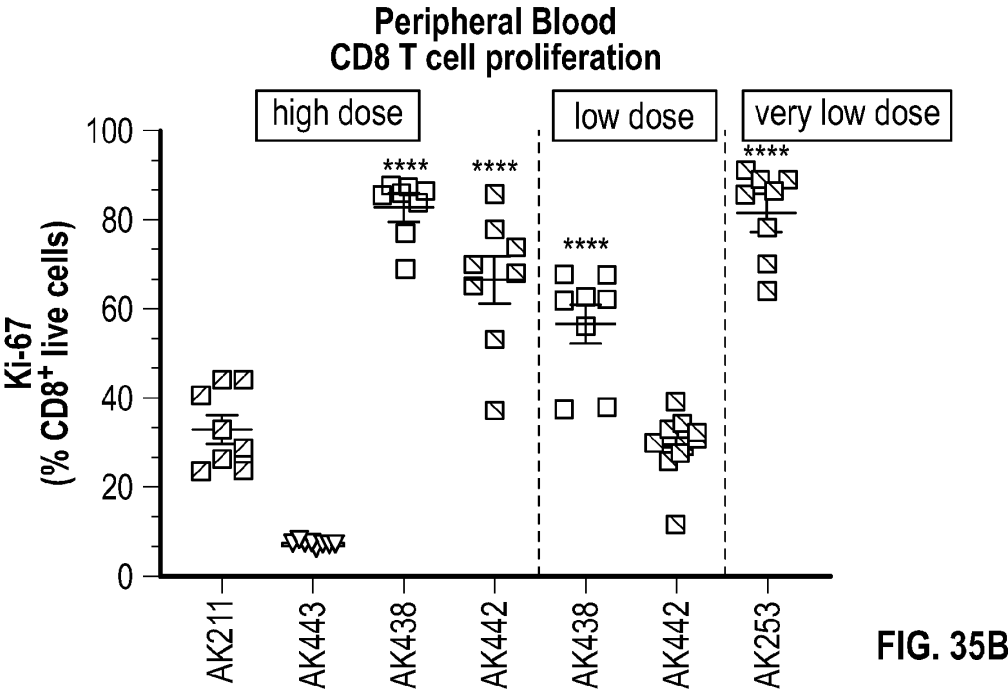
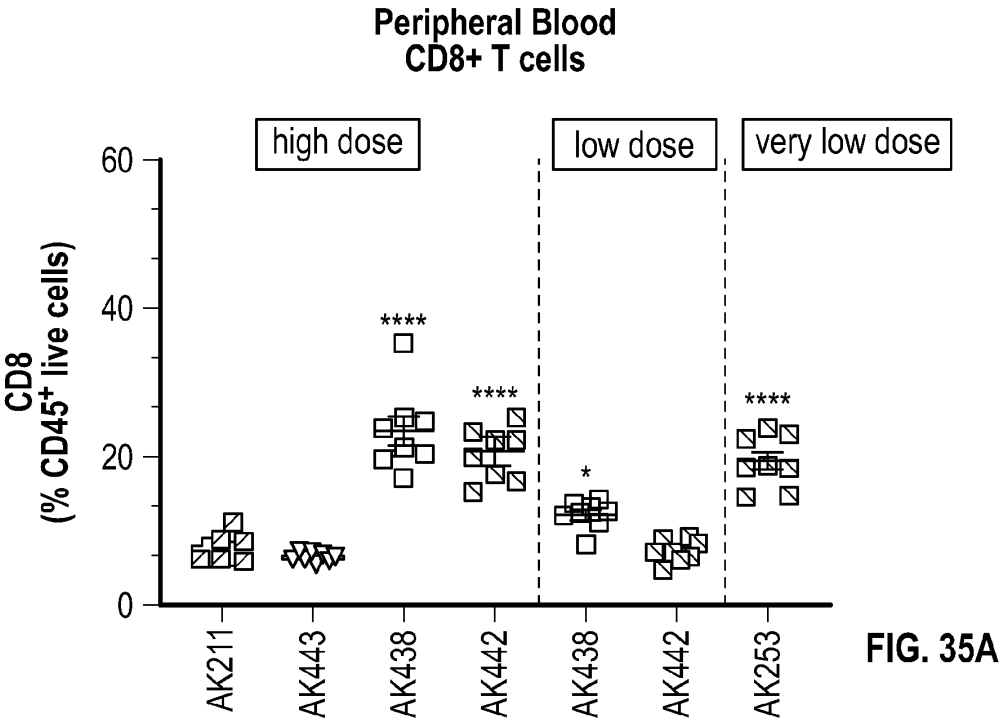


FIG. 34B



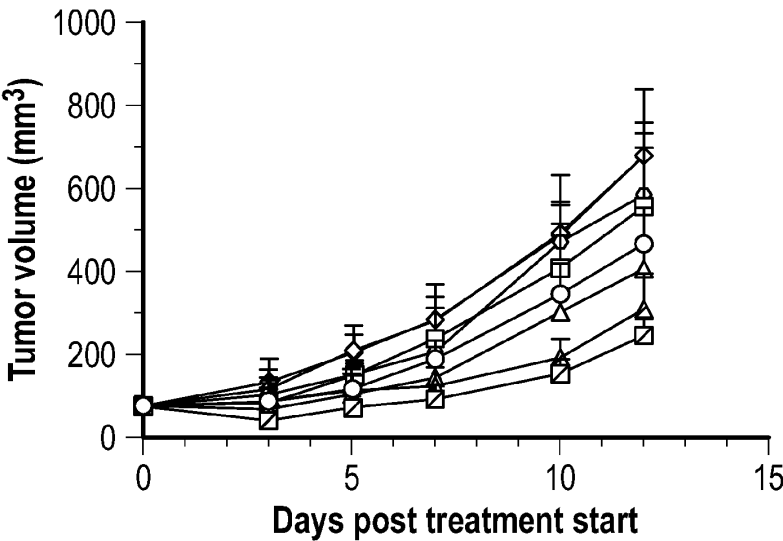


FIG. 36A

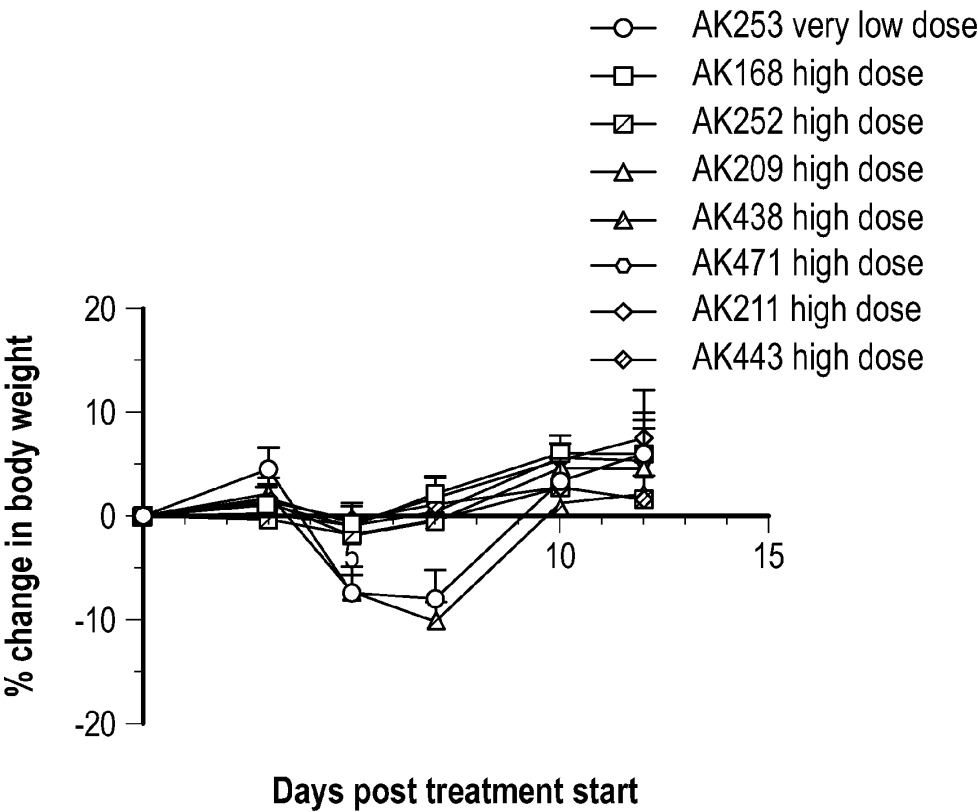
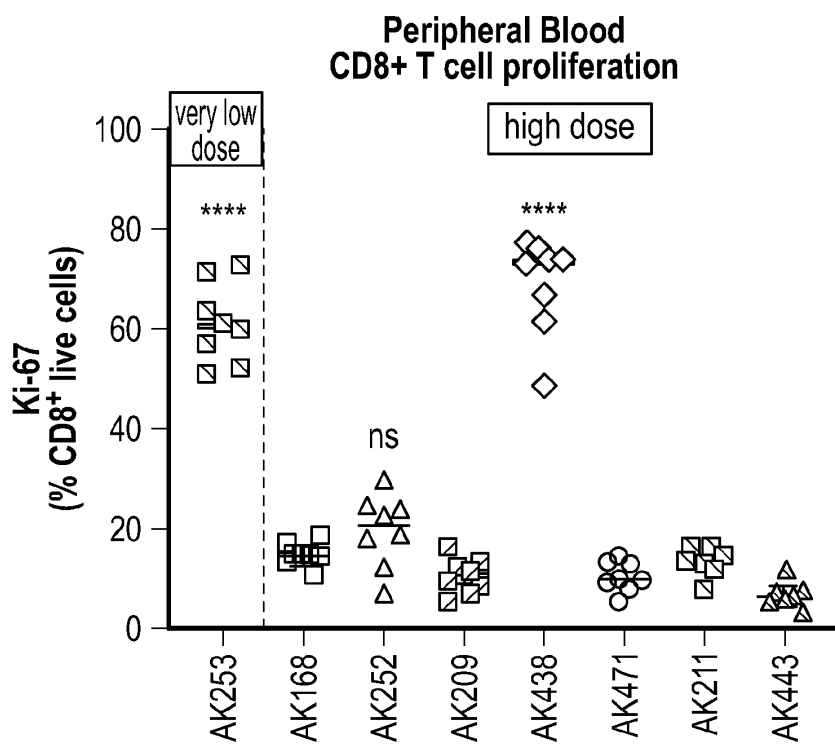
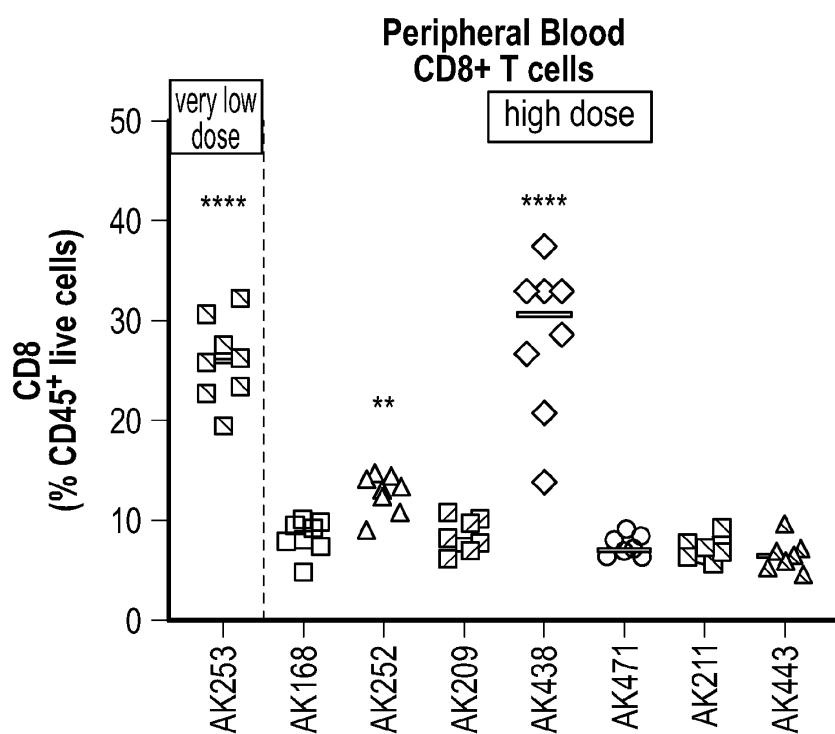


FIG. 36B



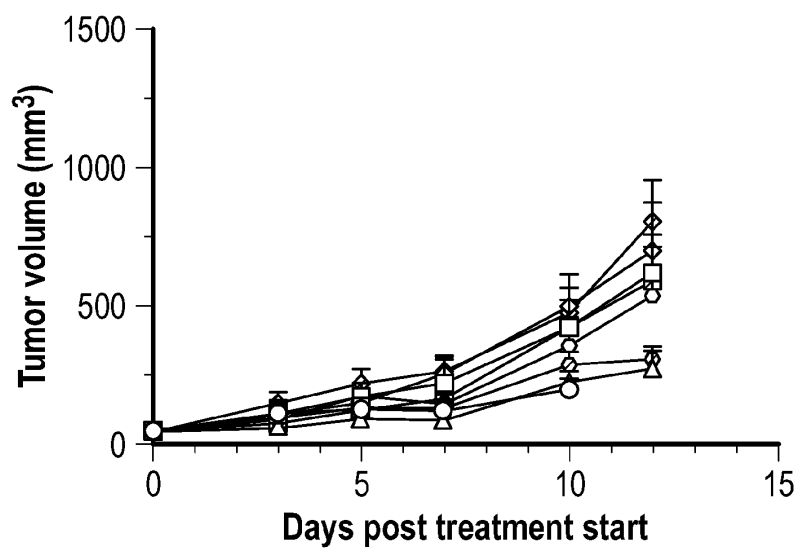


FIG. 38A

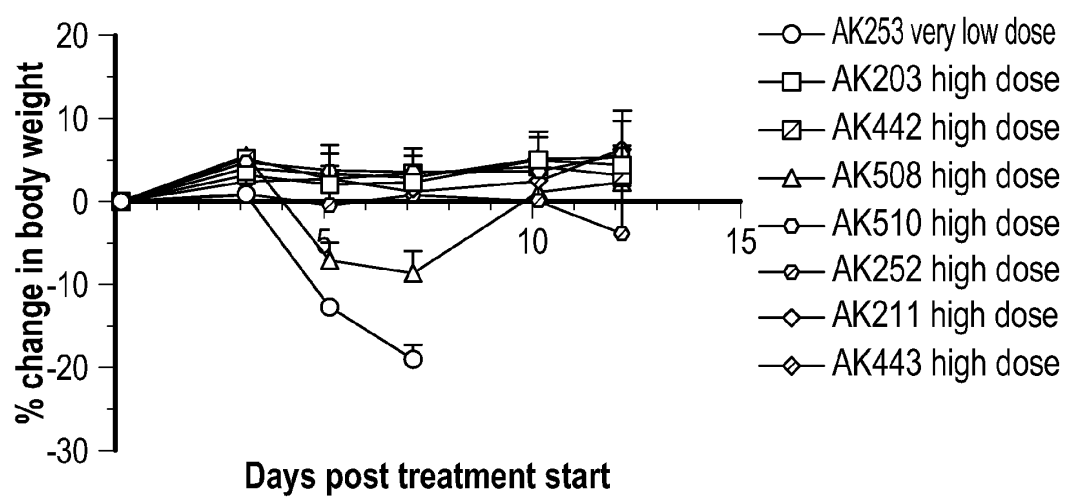


FIG. 38B

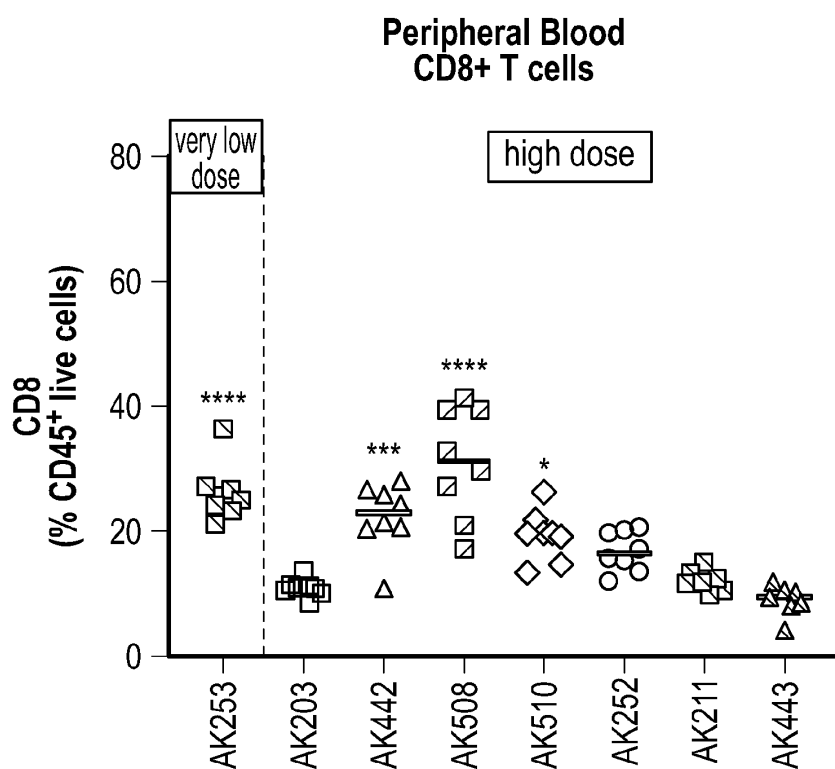


FIG. 39A

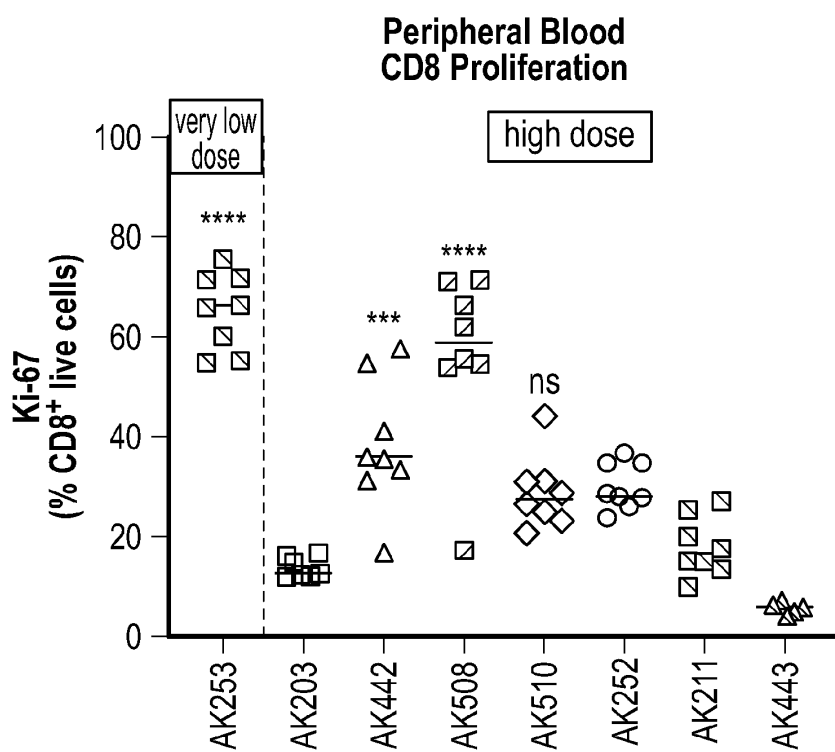
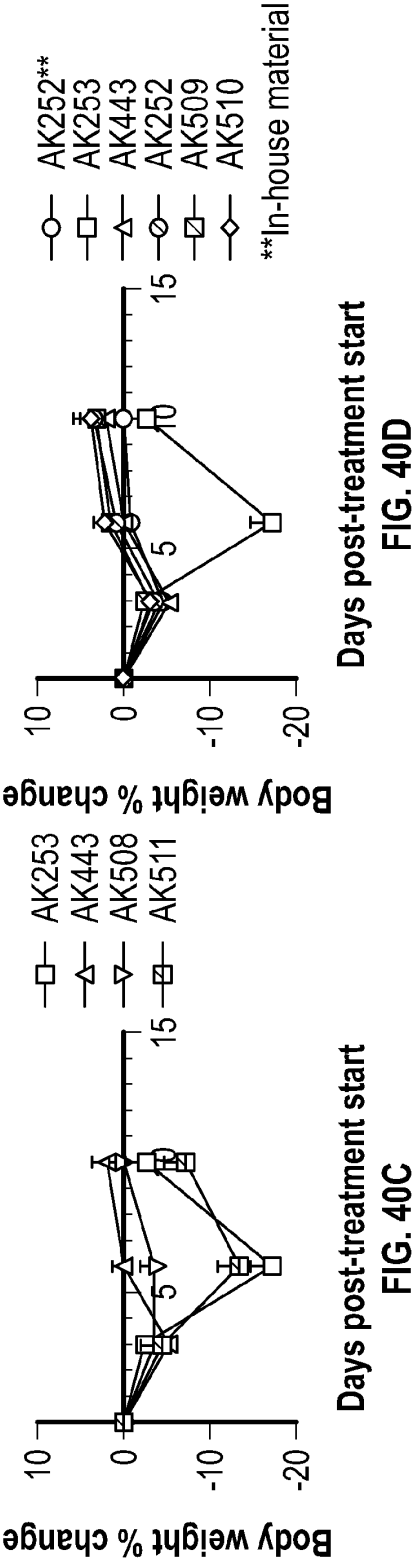
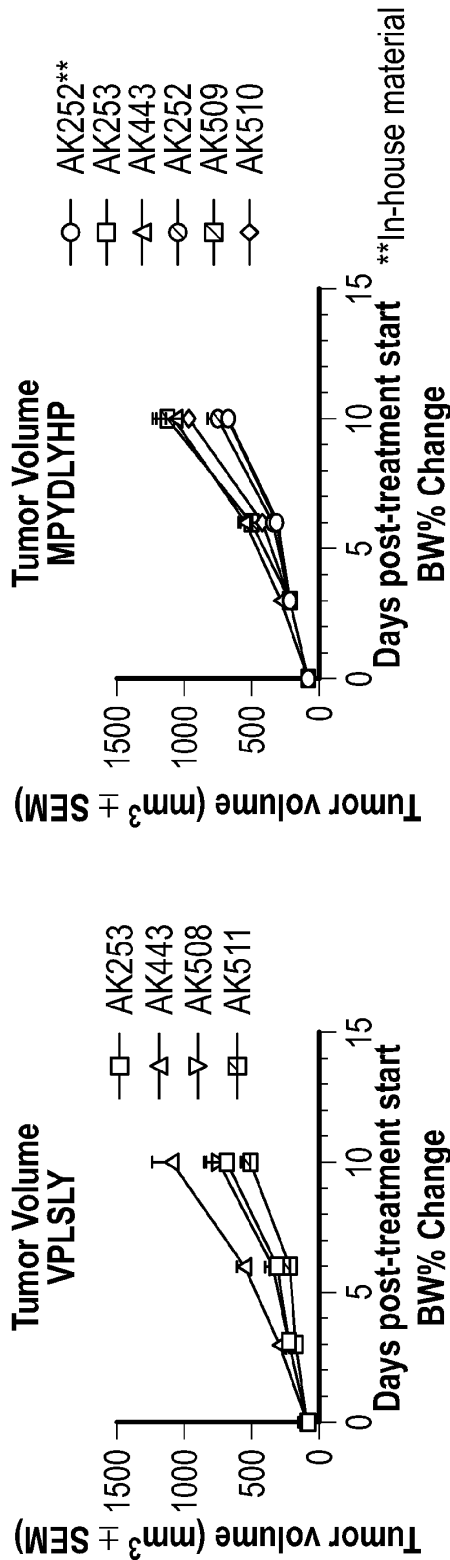
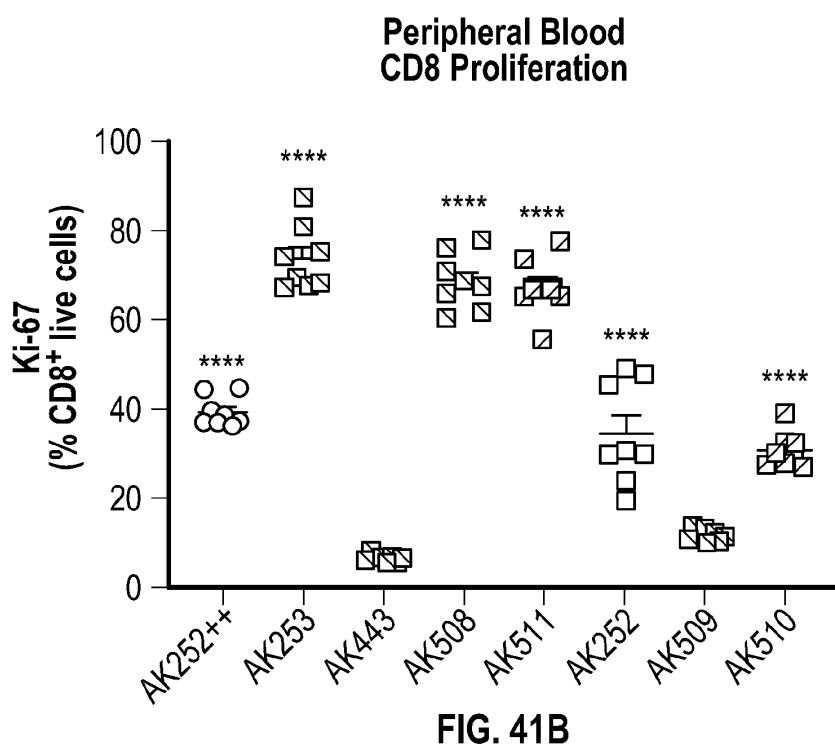
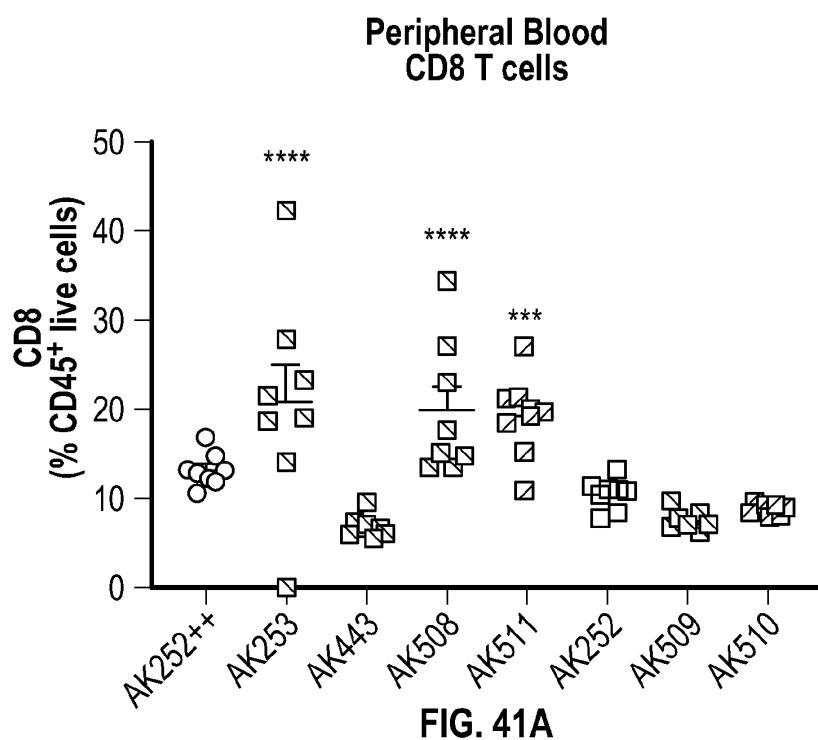
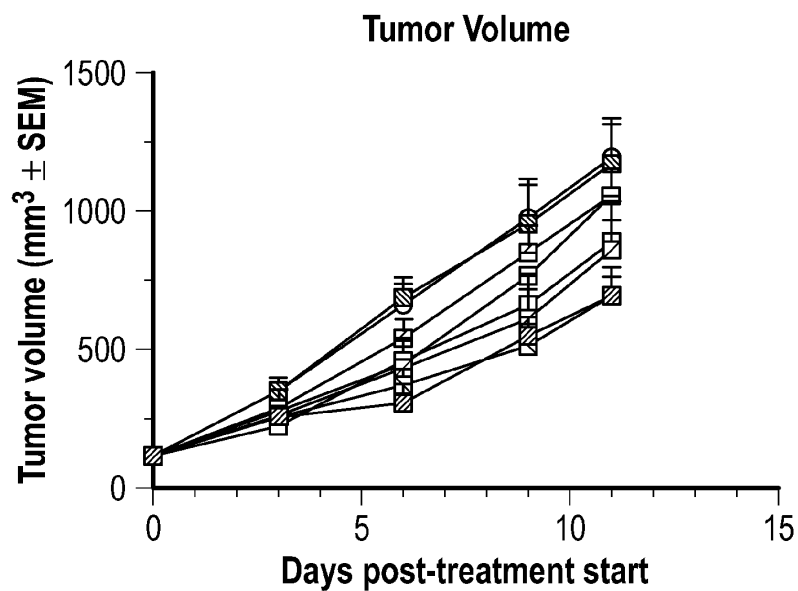
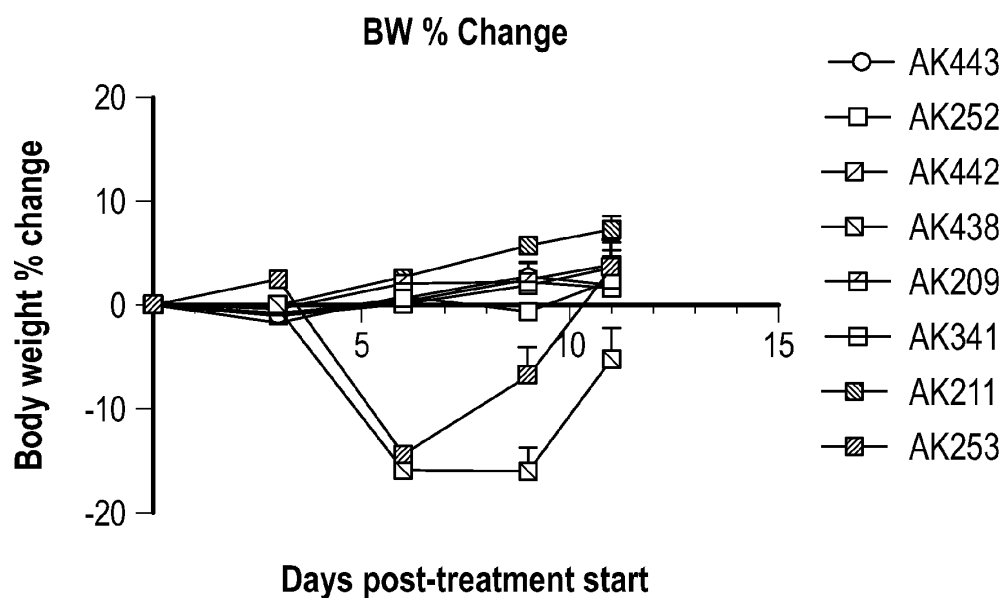


FIG. 39B





**FIG. 42A****FIG. 42B**

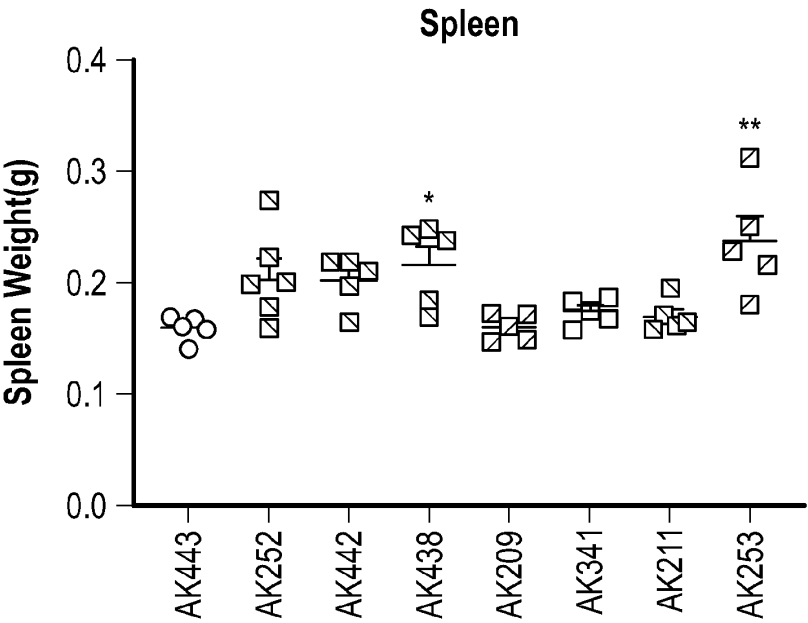


FIG. 43A

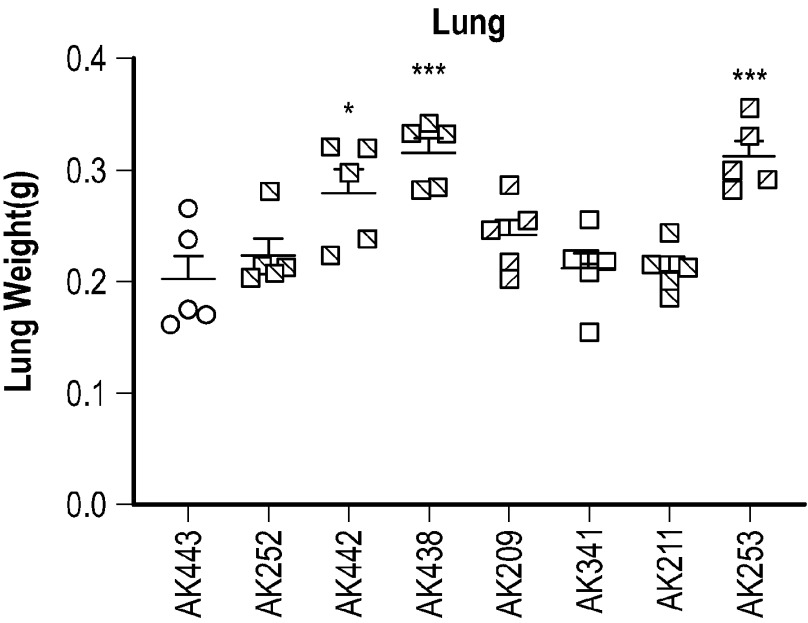


FIG. 43B

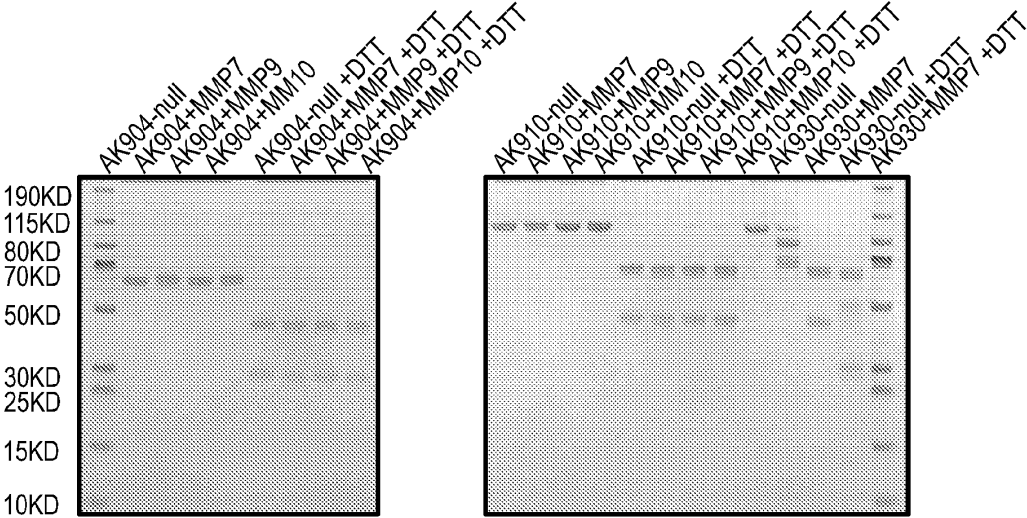


FIG. 44A

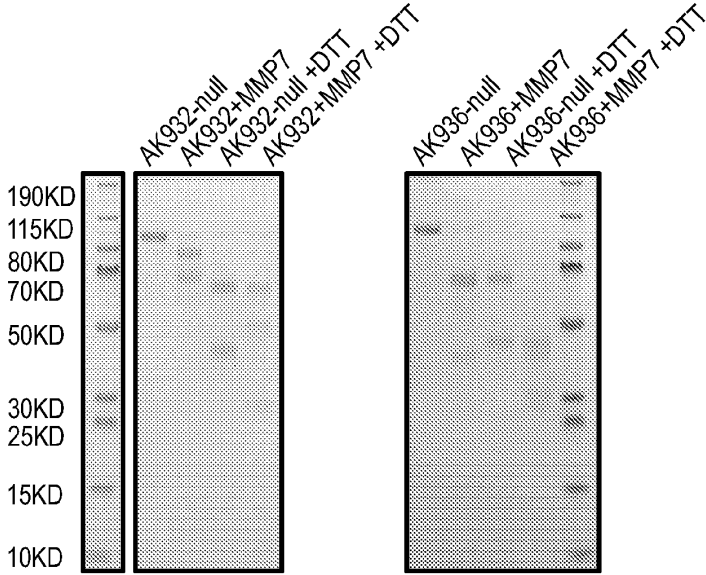


FIG. 44B

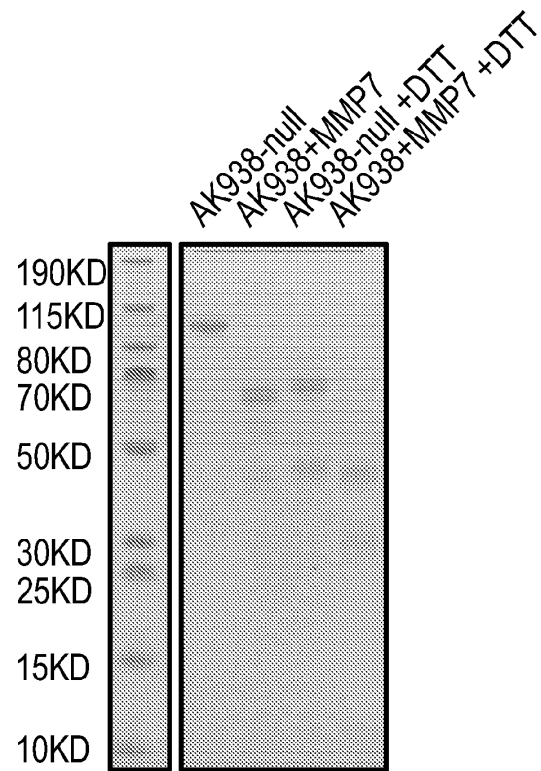


FIG. 44C

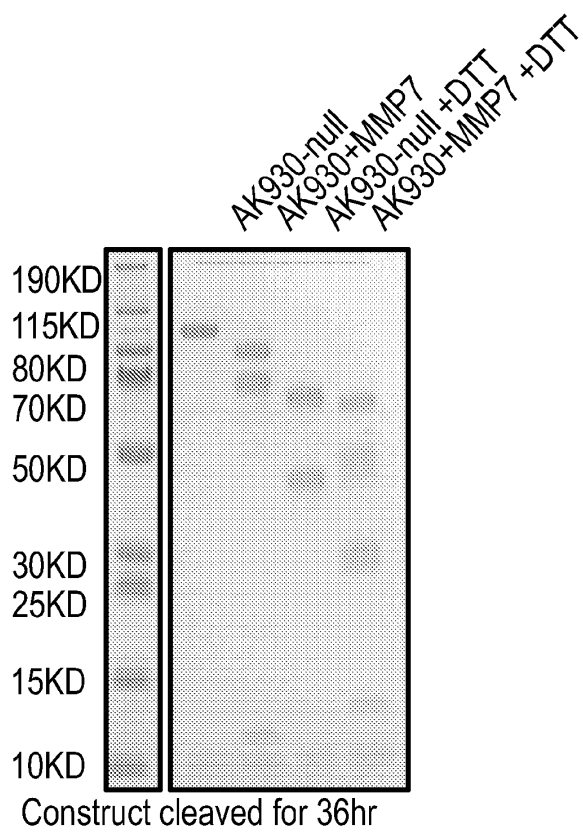


FIG. 44D

Construct cleaved for 36hr

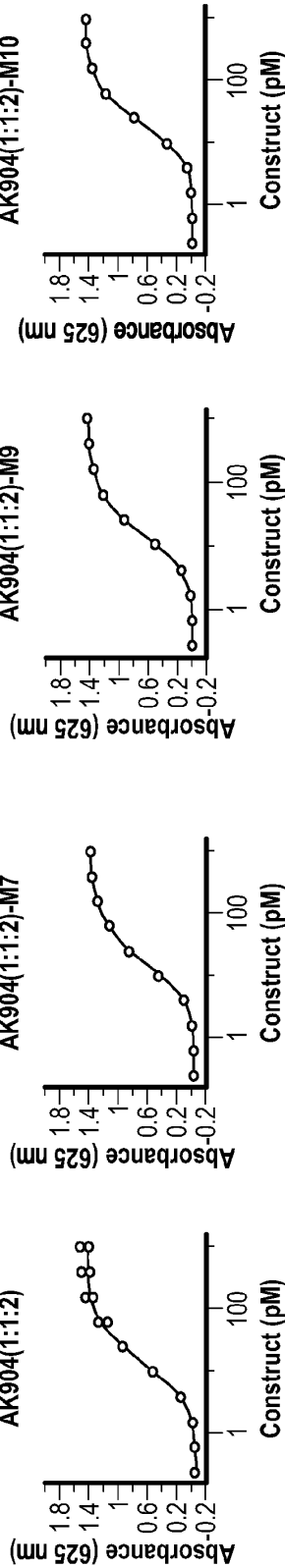


FIG. 45A (AK904)

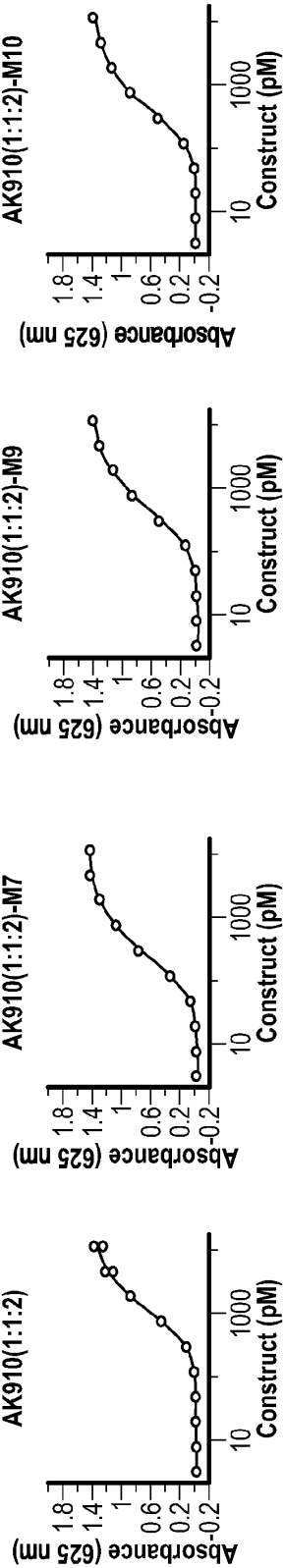


FIG. 45B (AK910)

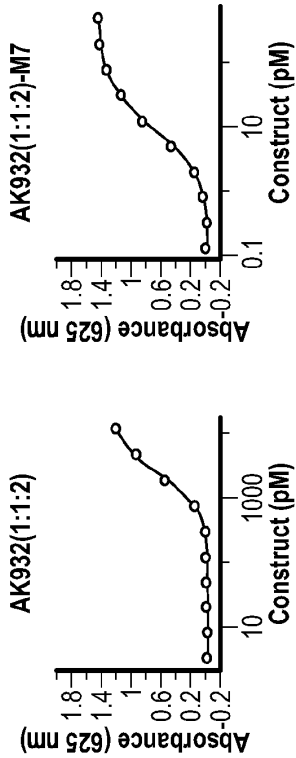


FIG. 45C (AK932)

