

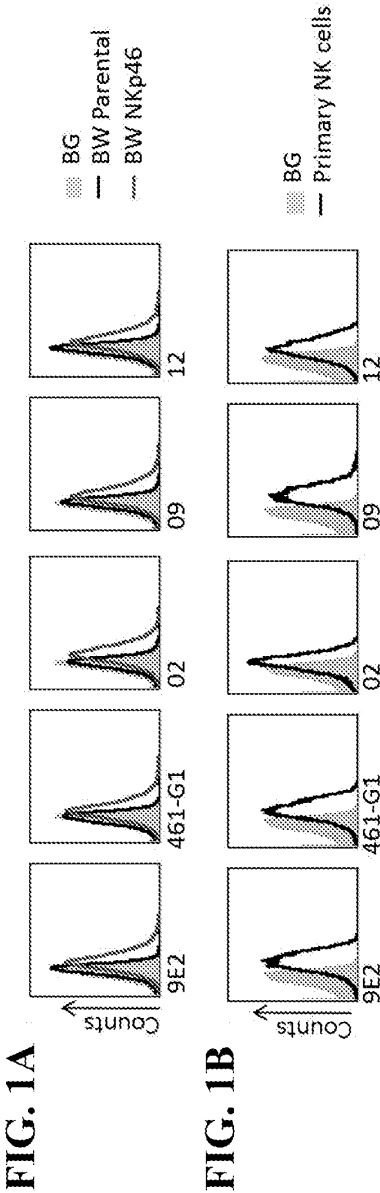


FIG. 2

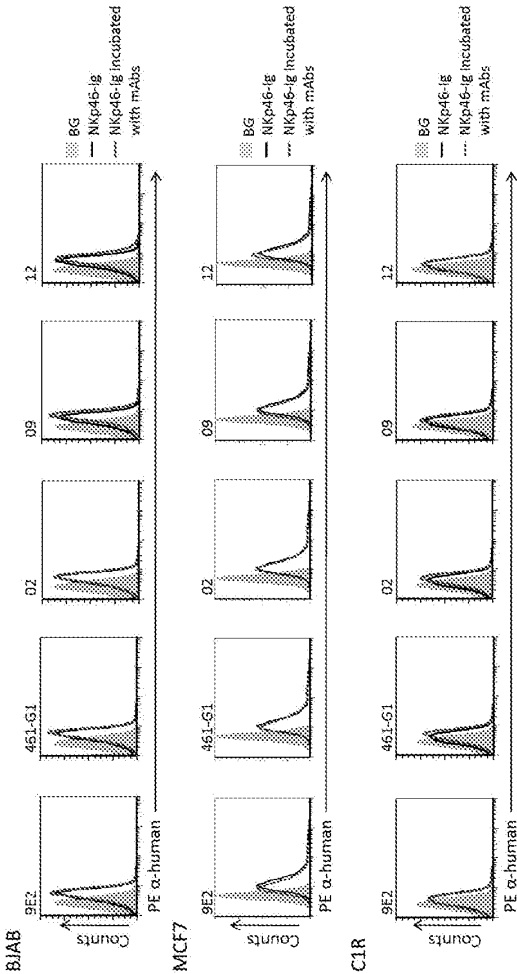


FIG. 3

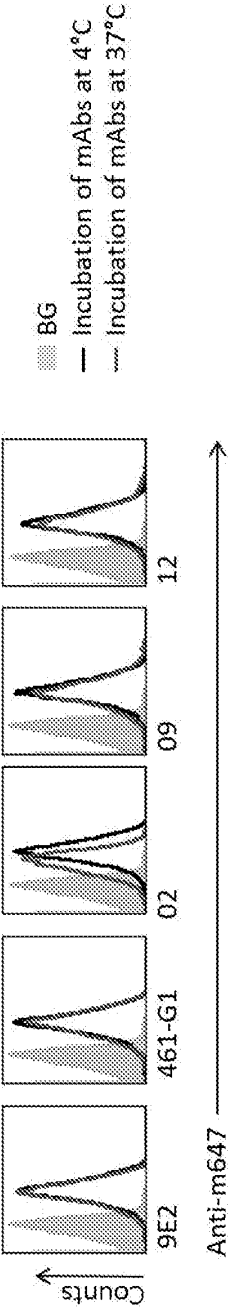


FIG. 4

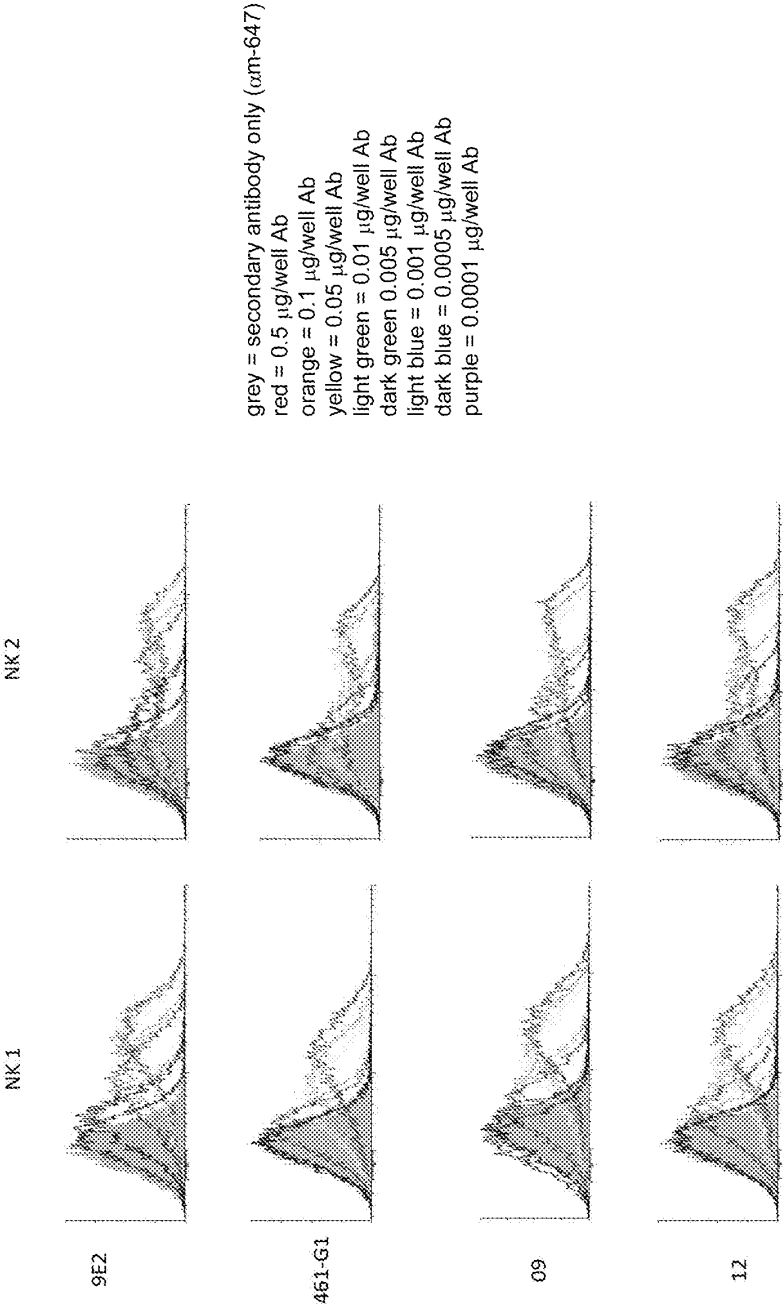


FIG. 5

Binding of 09 antibody to NKp46

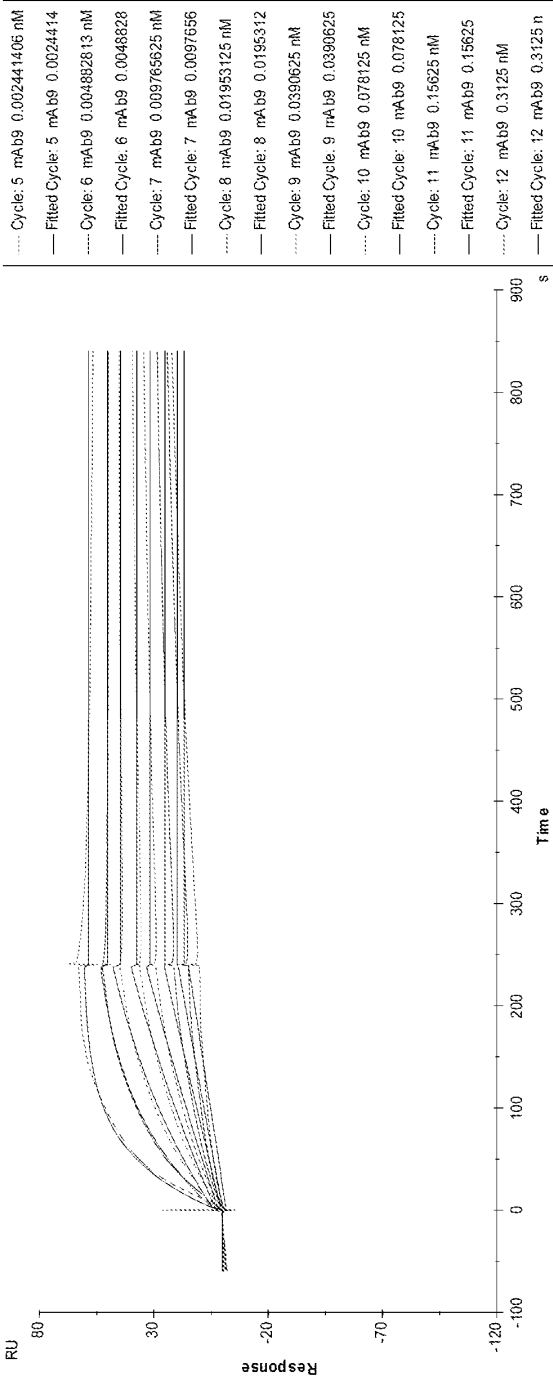


FIG. 6

Binding of 12 antibody to Nkp46

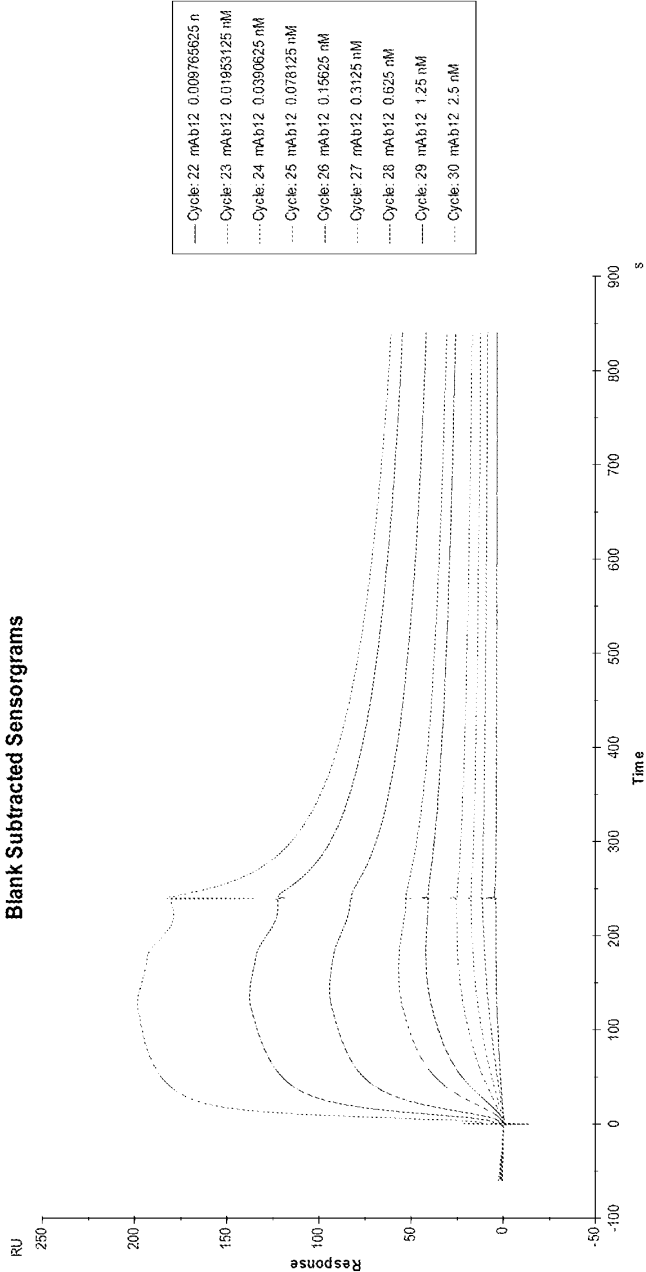


FIG. 8

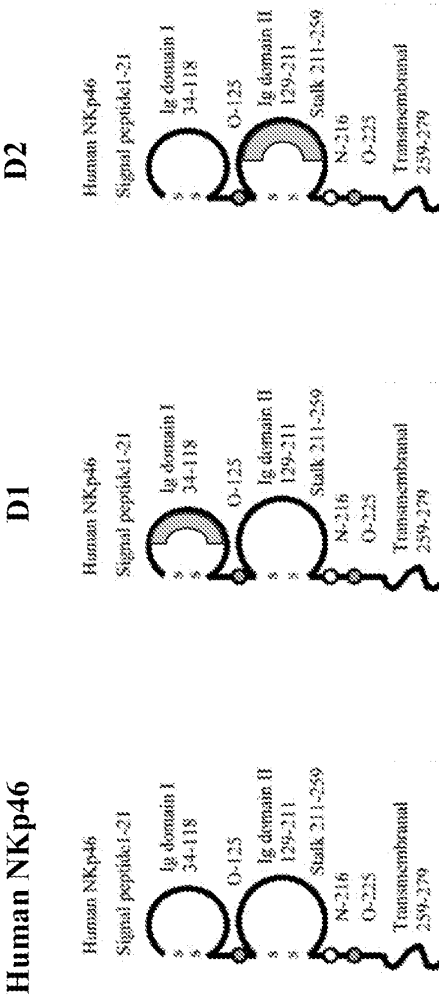


FIG. 9

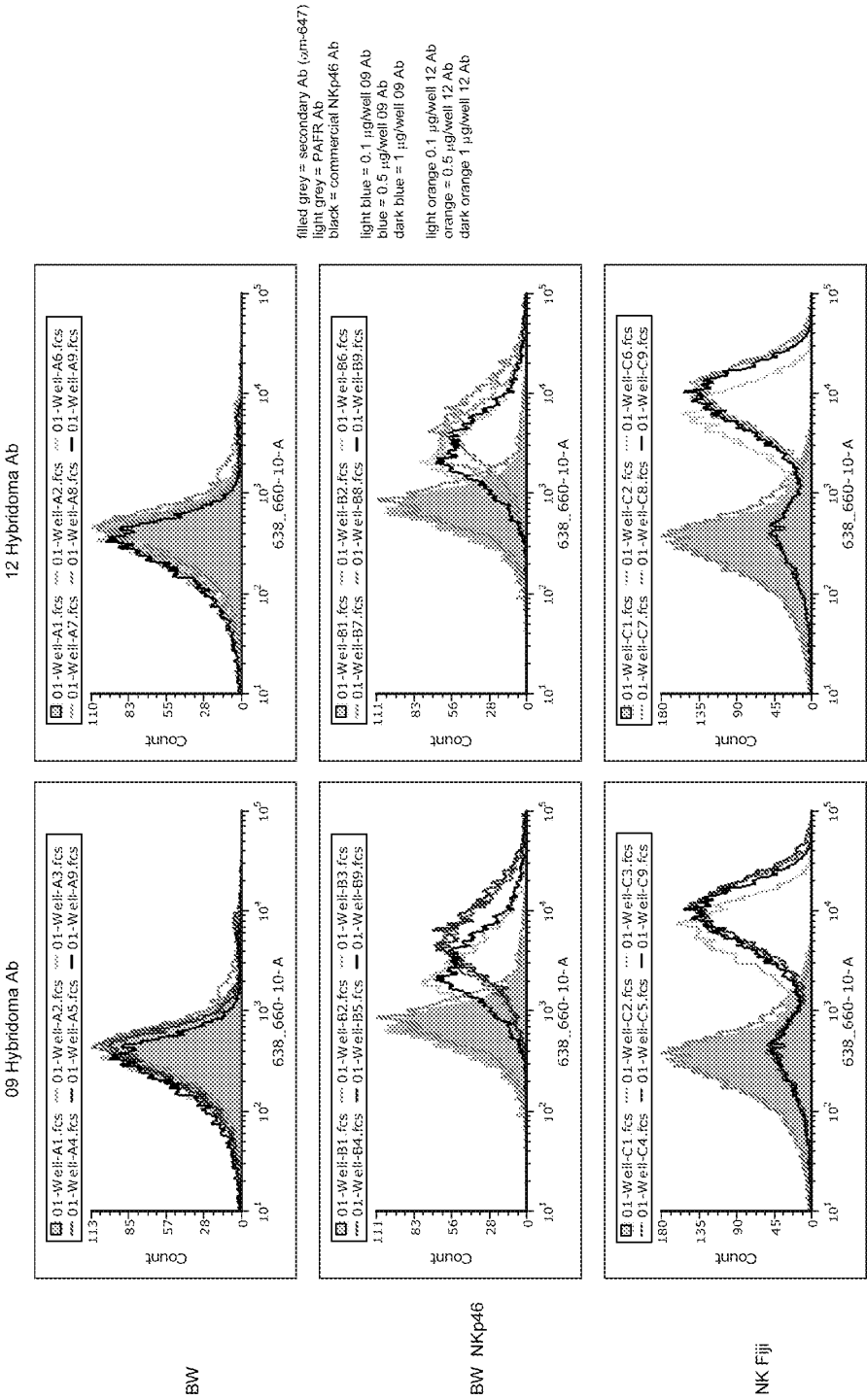
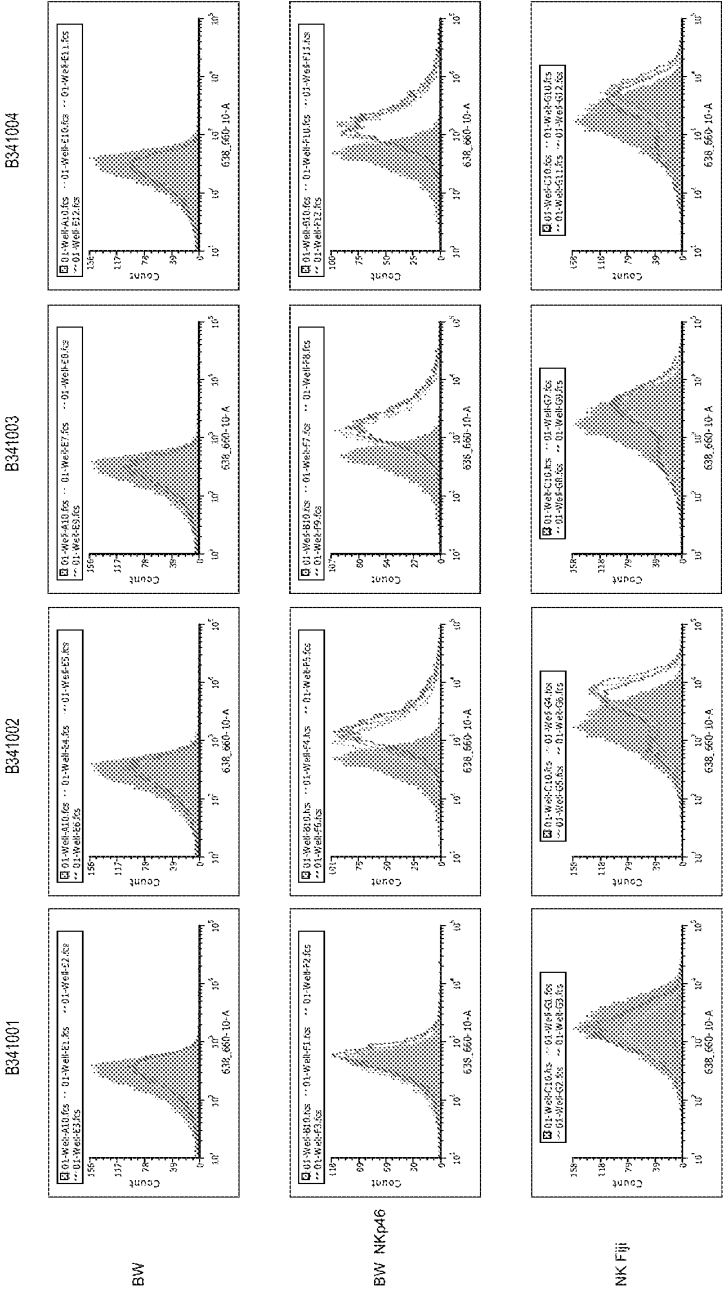


FIG. 10

Staining cells for Nkp46 with humanized Hydrindomas antibodies



filled grey = secondary Ab (αh-647)
light orange 0.1 µg/well Ab
orange = 0.5 µg/well Ab
dark orange 1 µg/well Ab

FIG. 11

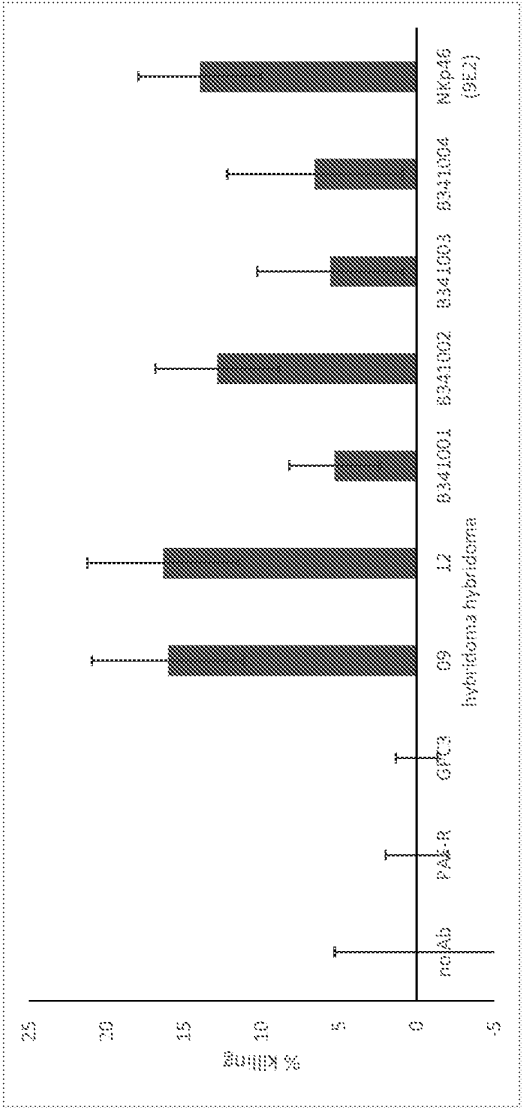


FIG. 12

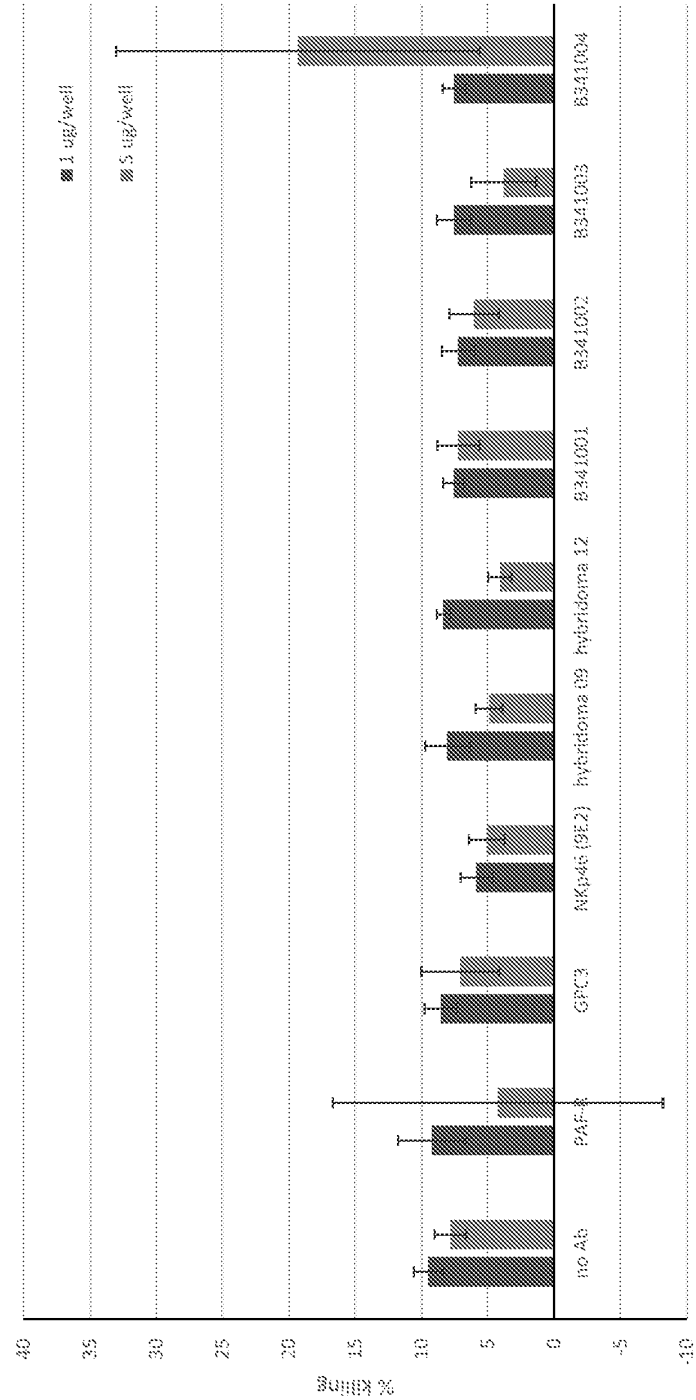


FIG. 13B

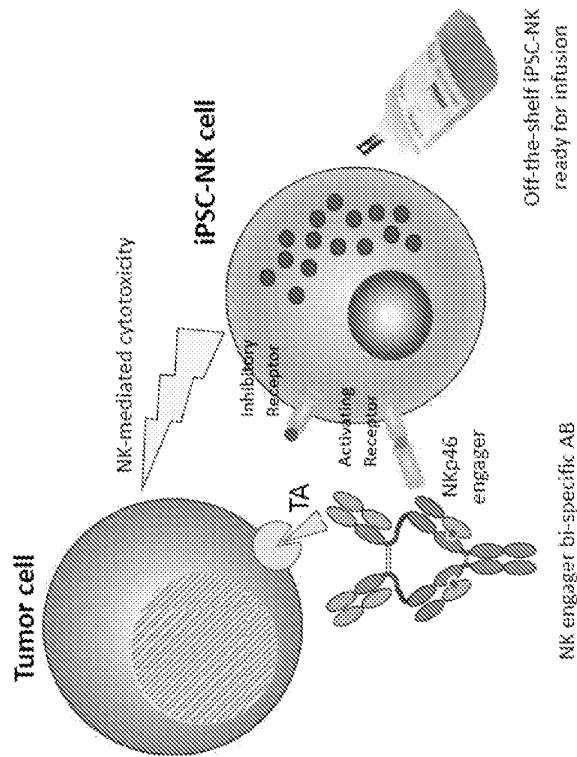
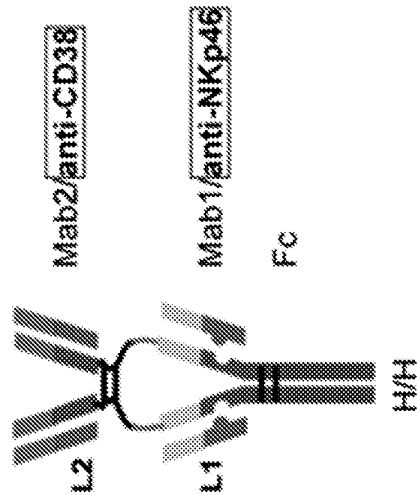


FIG. 13A



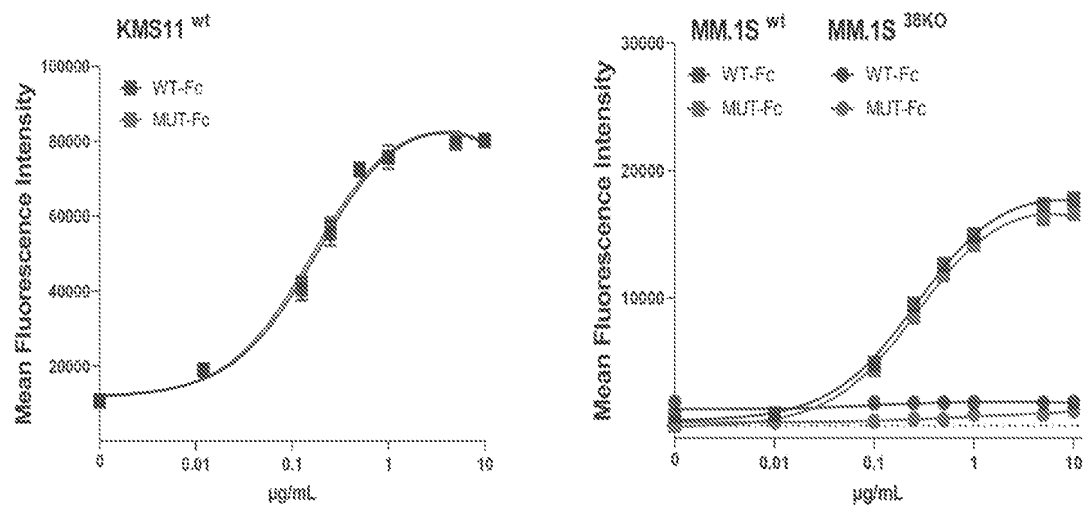


FIG. 14

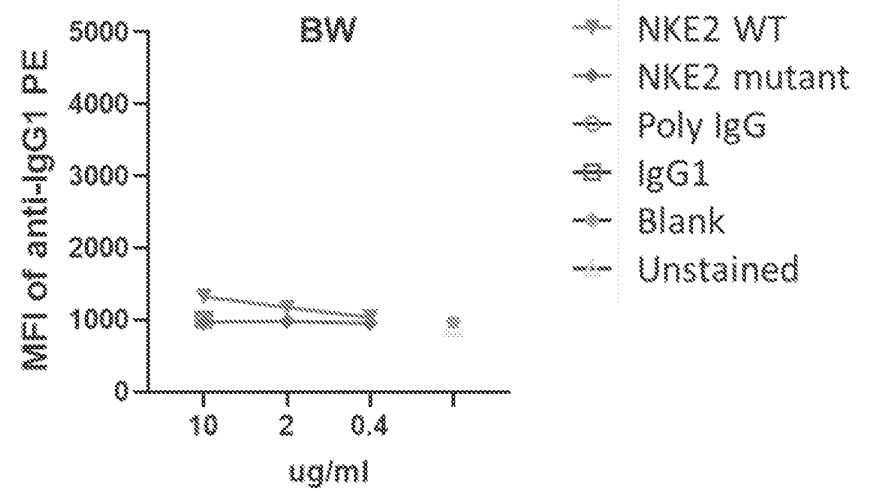


FIG. 15A

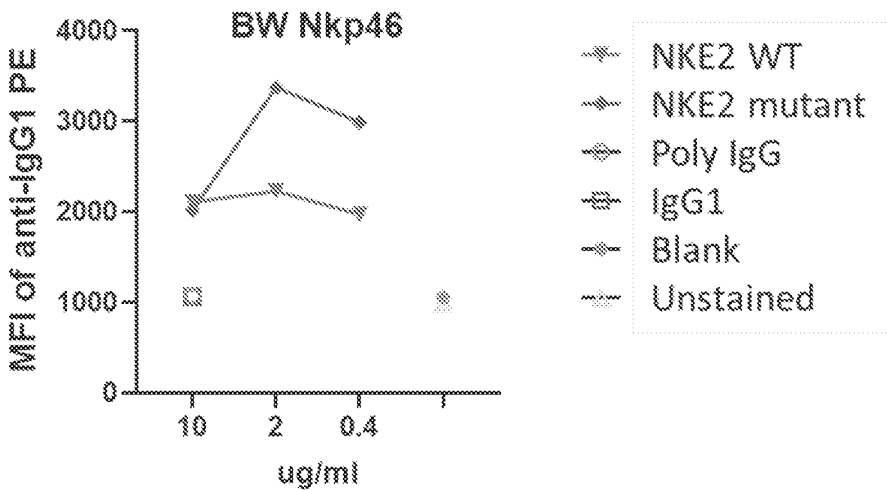


FIG. 15B

No.	Mutation	Binding evaluation	Expression evaluation	Ratio
191	E191A	1.39	0.95	1.5
192	K192A	0.15	0.93	0.2
193	V193A	0.89	1.07	0.8
194	Q194A	0.15	0.75	0.2
195	T195A	0.15	0.82	0.2
196	L196A	0.50	0.82	0.6
197	E197A	0.51	1.03	0.5
198	A198S	0.58	0.83	0.7
199	W199A	0.30	0.92	0.3
200	V200A	0.46	0.80	0.6
201	I201A	0.93	1.06	0.9
202	H202A	0.71	0.88	0.8
225	S225A	1.10	1.01	1.1
226	K226A	1.09	1.02	1.1
227	R227A	0.97	1.09	0.9
228	N228A	0.55	0.88	0.6
229	I229A	0.27	0.77	0.4
230	Q230A	0.15	0.92	0.2
231	F231A	0.37	1.10	0.3
232	S232A	1.15	1.06	1.1
233	C233A	0.14	0.23	0.6
234	K234A	0.56	0.50	1.1
235	N235A	0.94	0.87	1.1
236	I236A	0.59	0.36	1.7
237	Y237A	0.91	0.97	0.9
238	R238A	1.26	1.31	1.0

FIG. 16

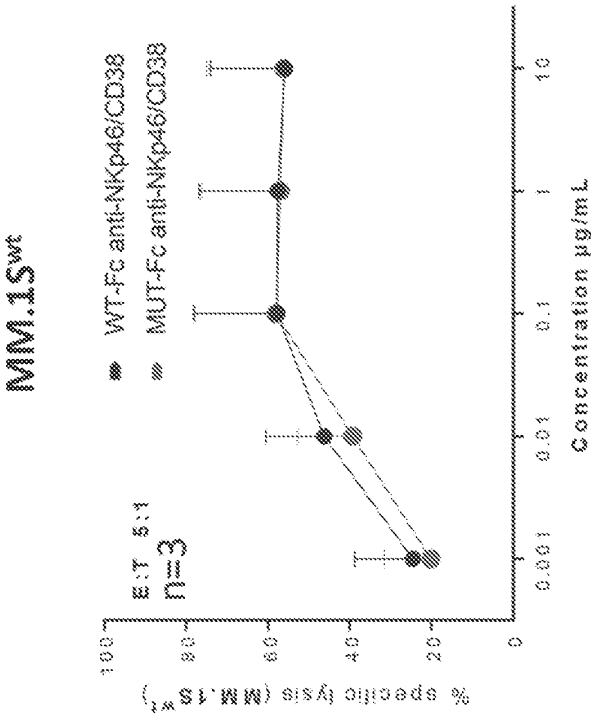


FIG. 17B

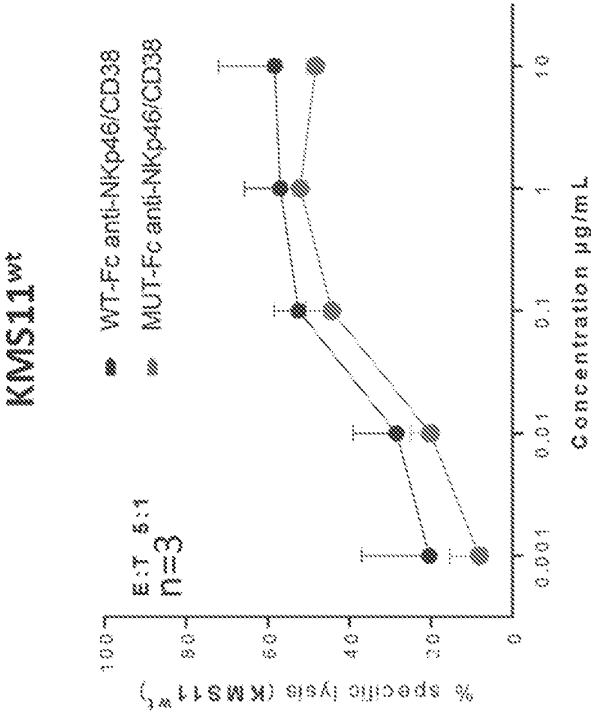


FIG. 17A

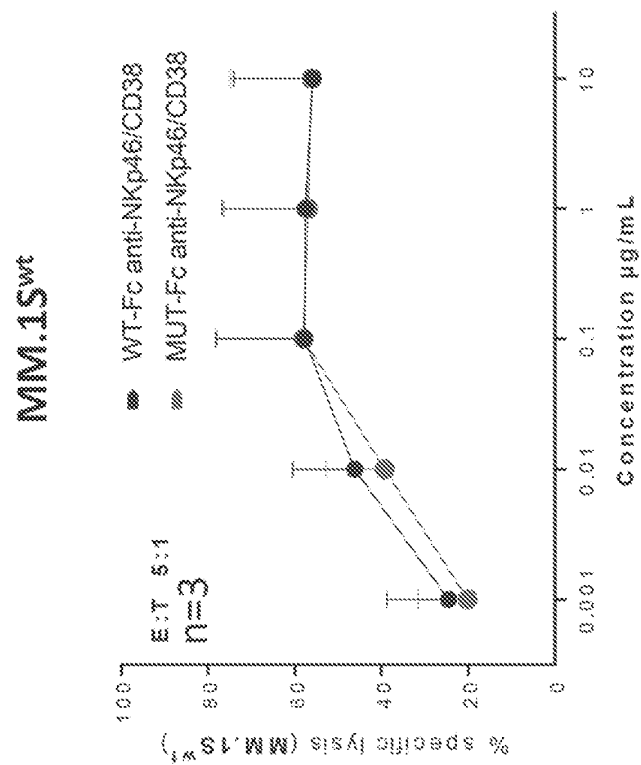


FIG. 17C

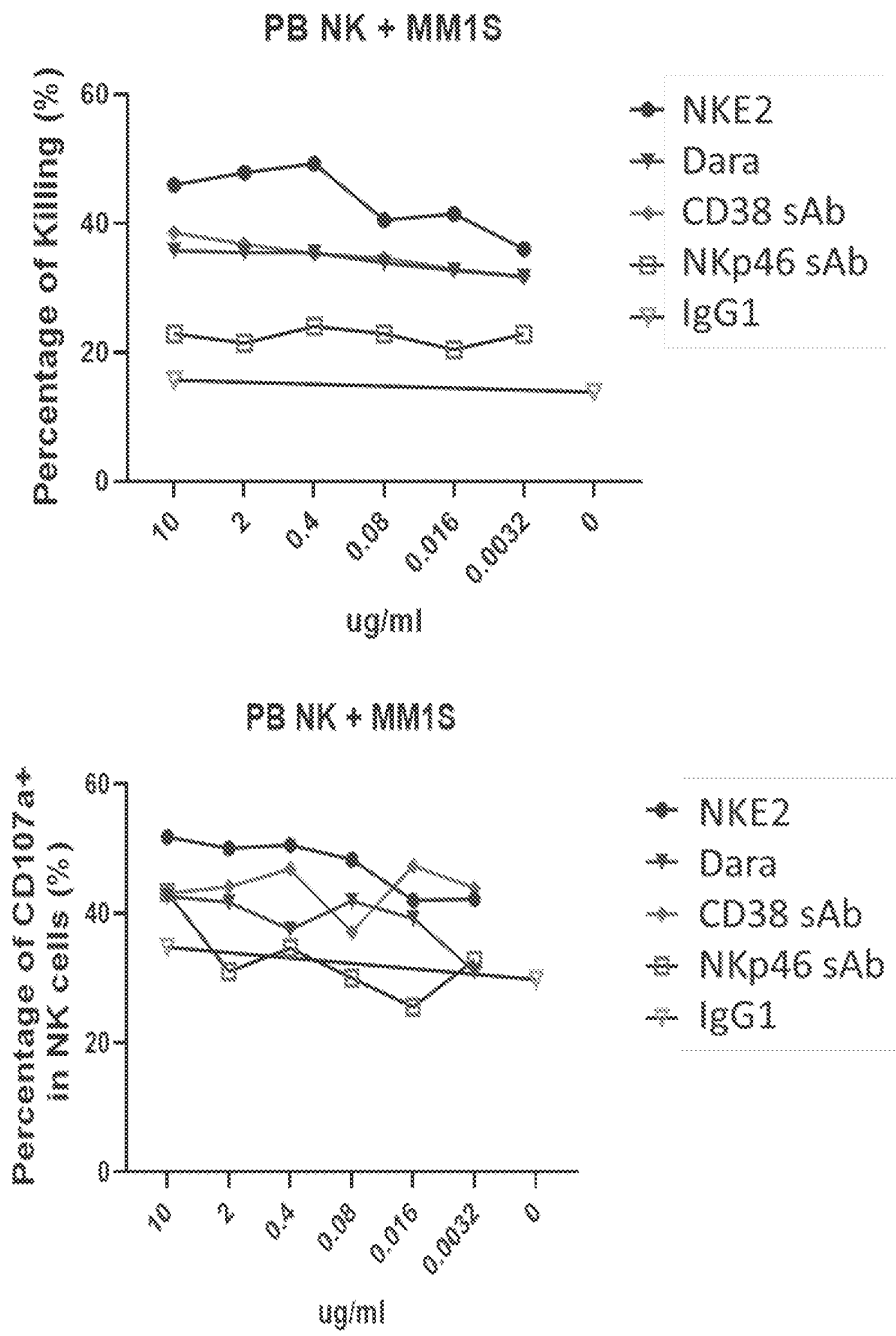


FIG. 18A

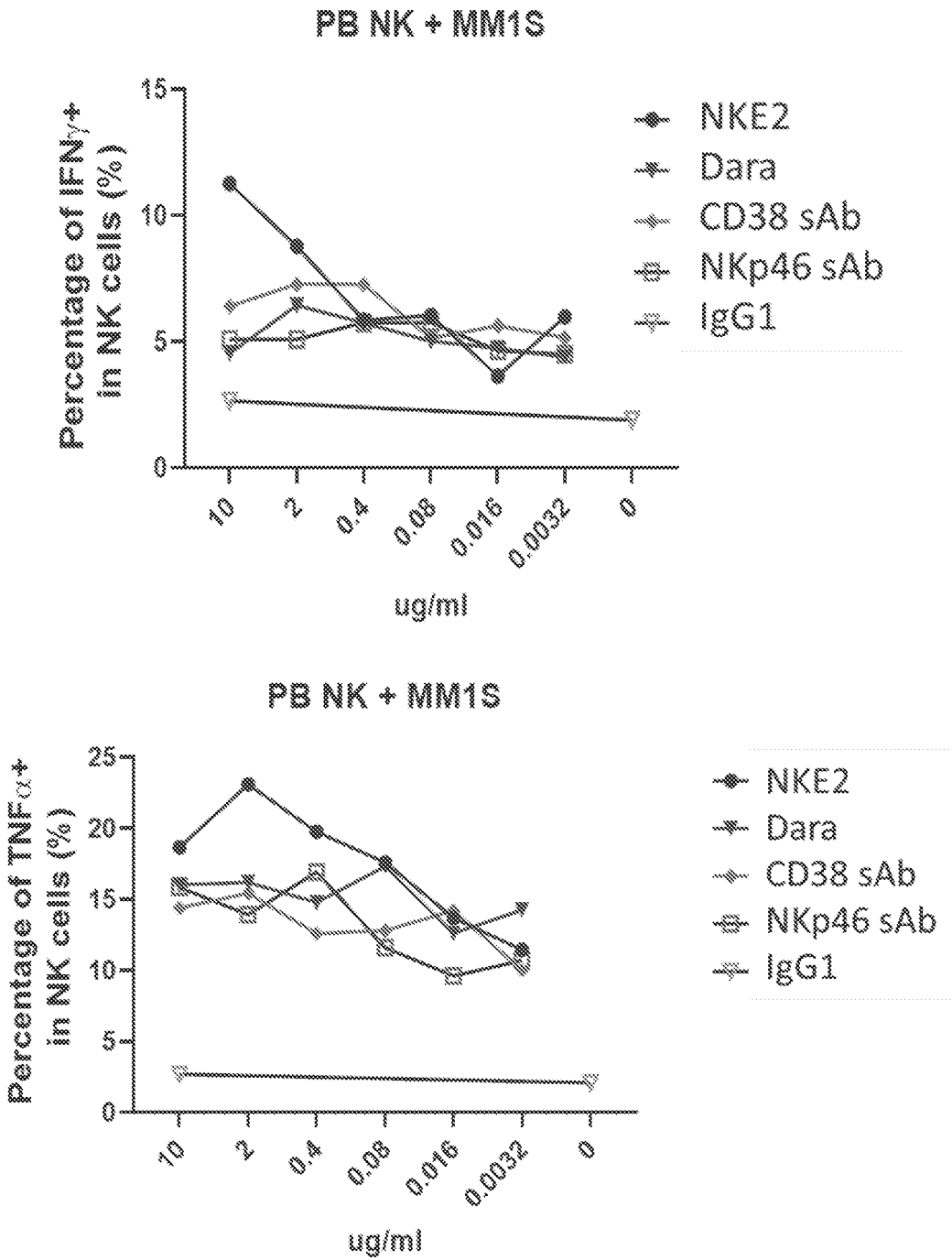


FIG. 18B

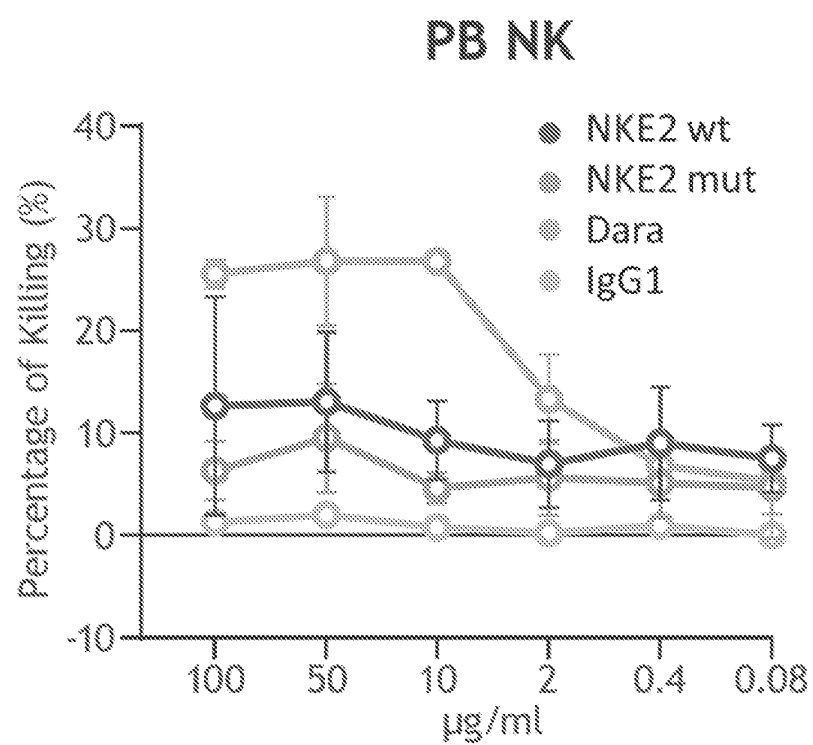
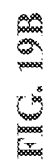


FIG. 19A



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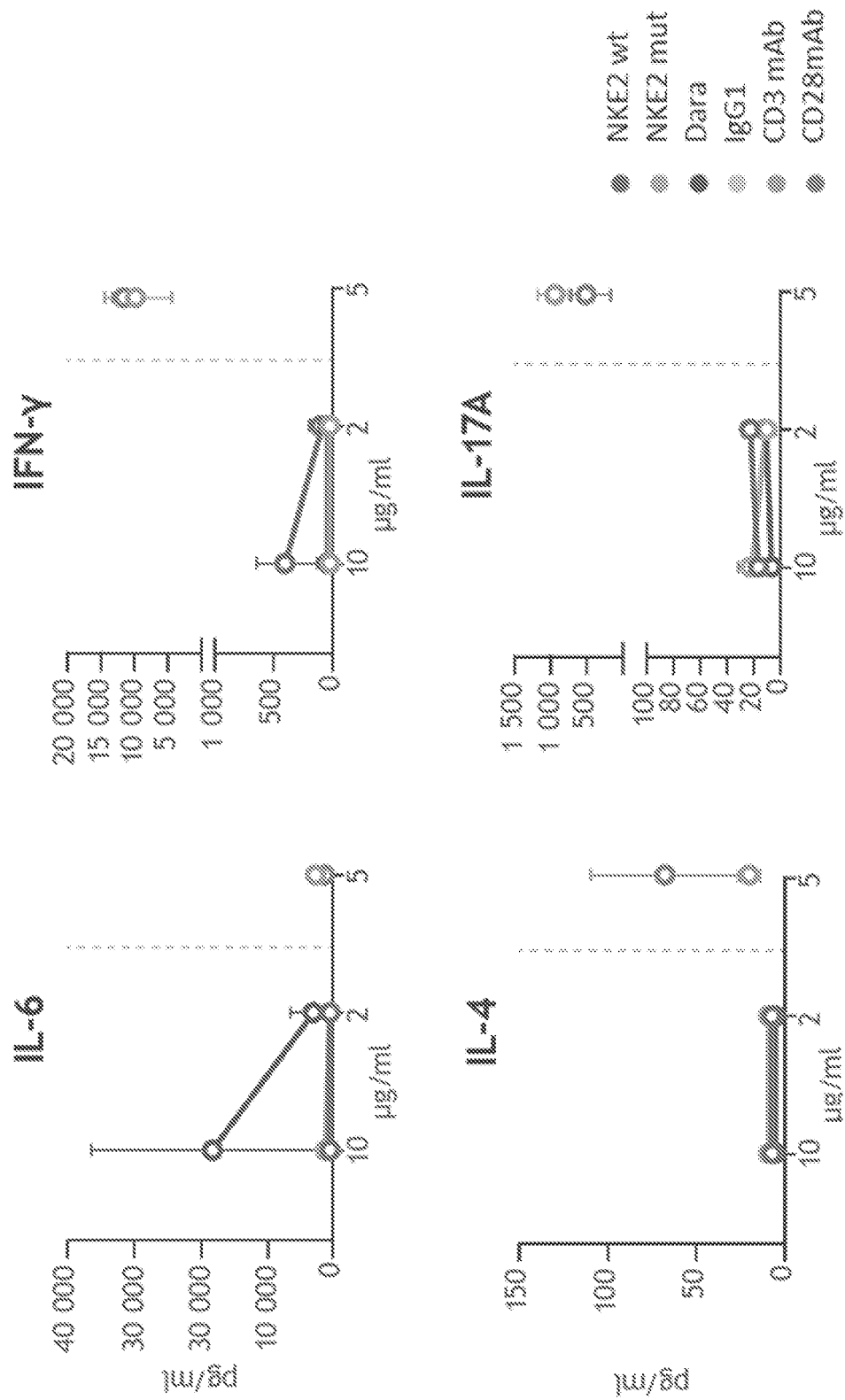


FIG. 19C

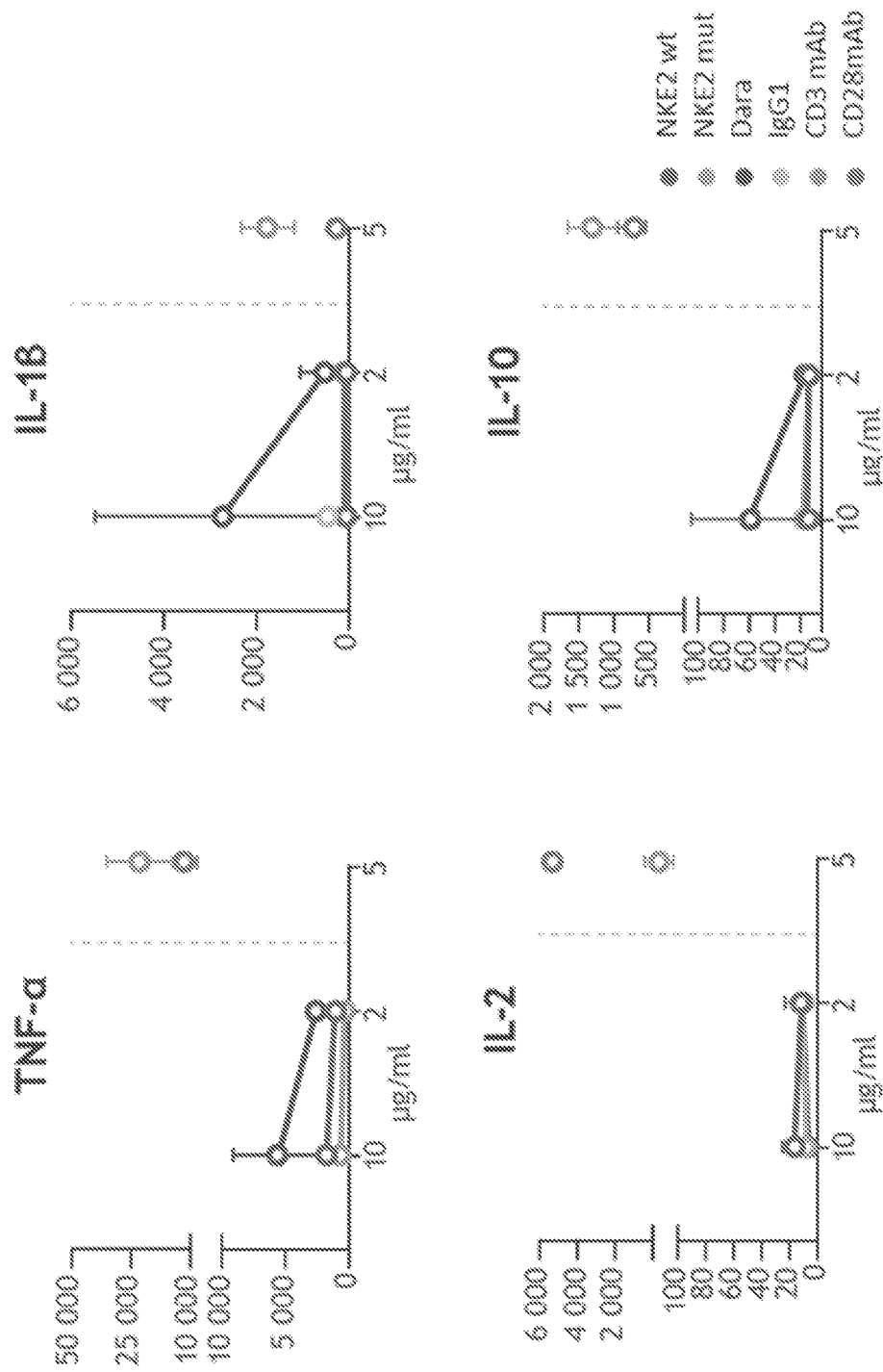


FIG. 19C cont.