

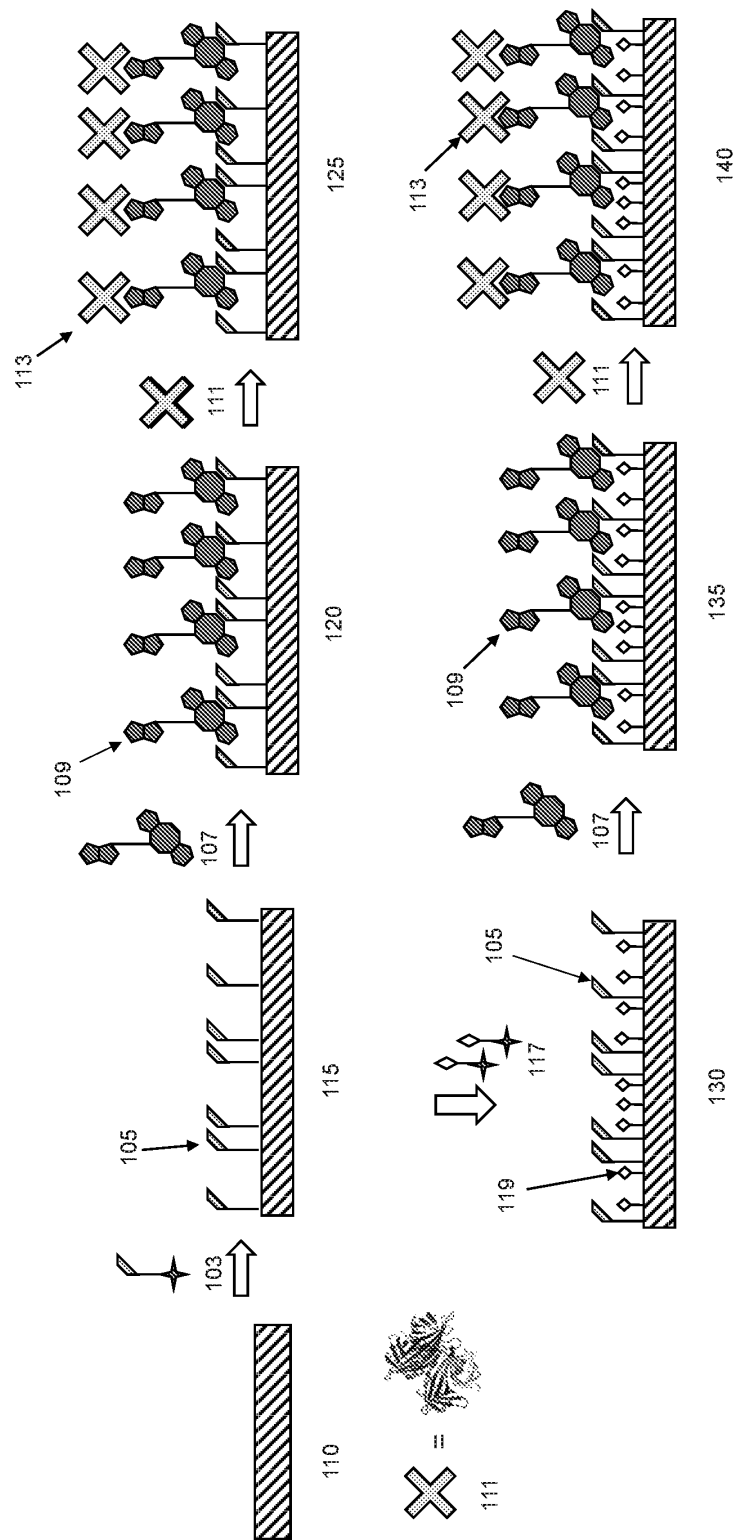


FIG. 1A

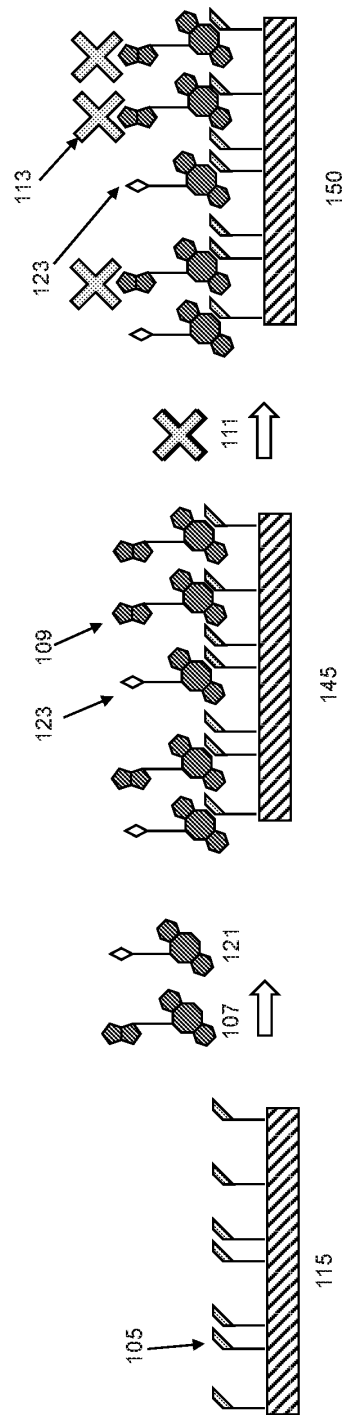


FIG. 1B

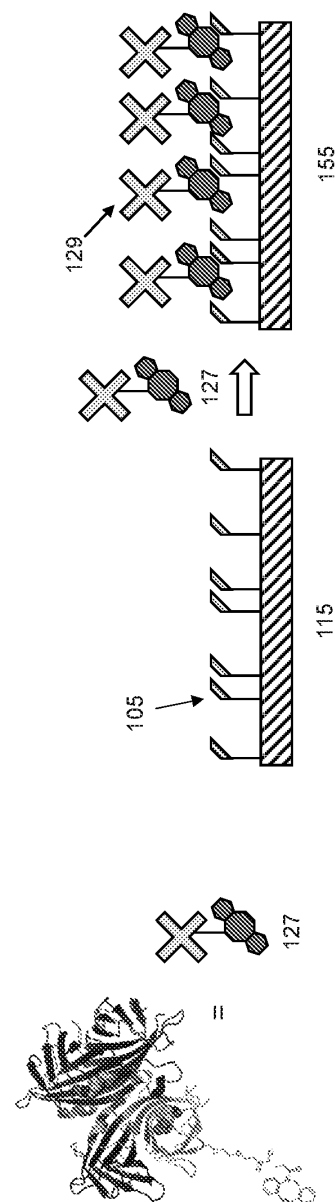


FIG. 1C

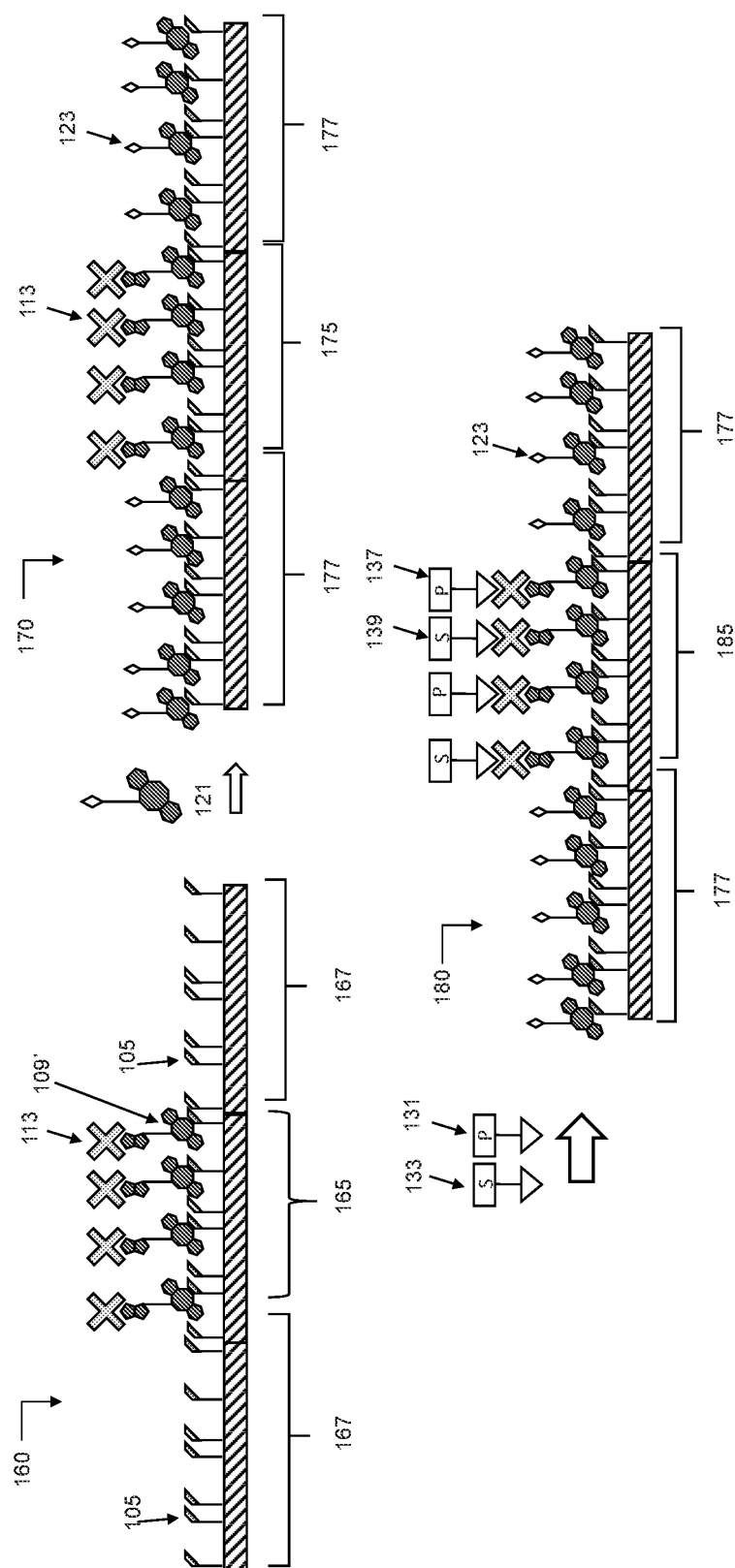


FIG. 1D

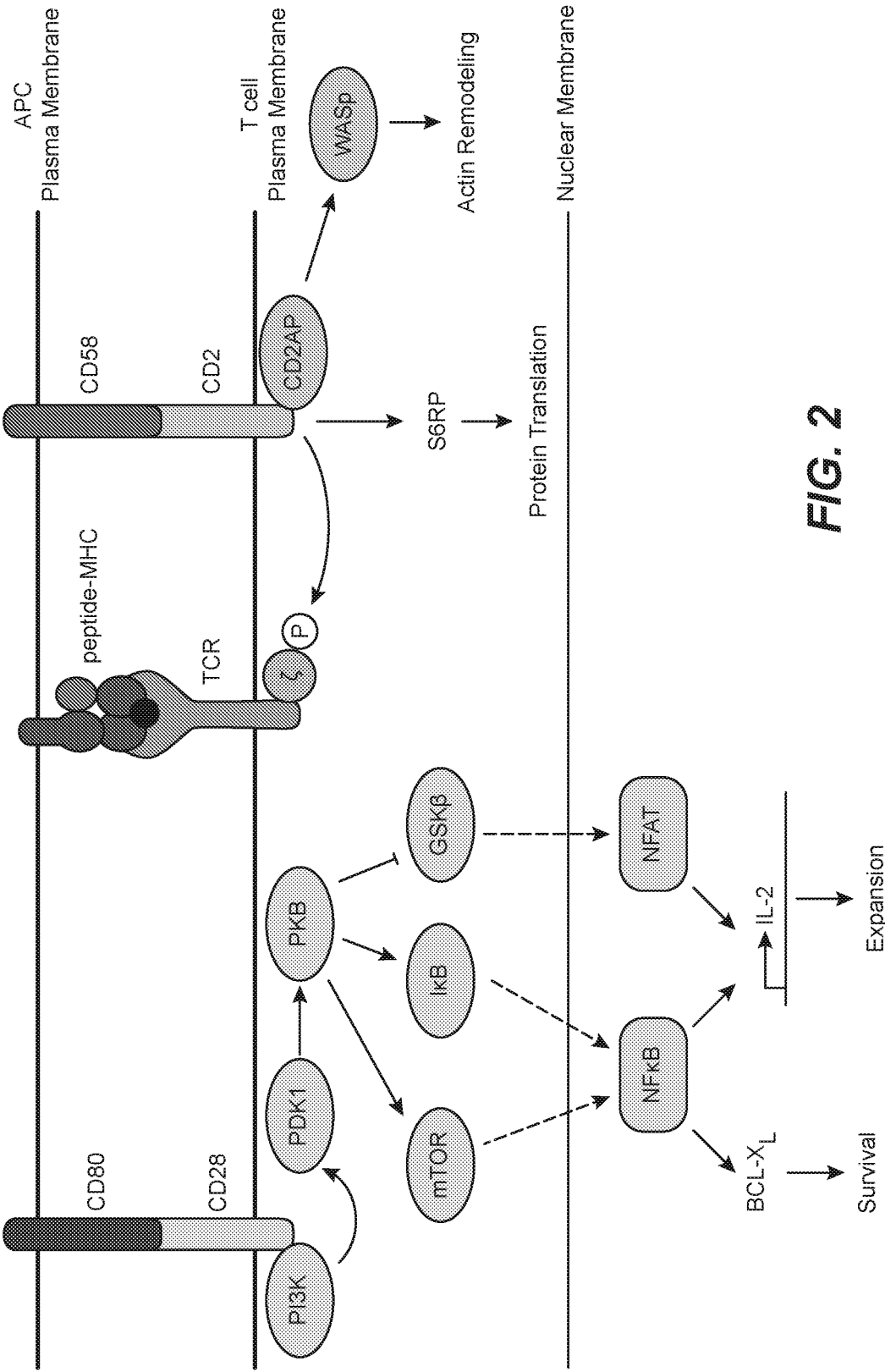


FIG. 2

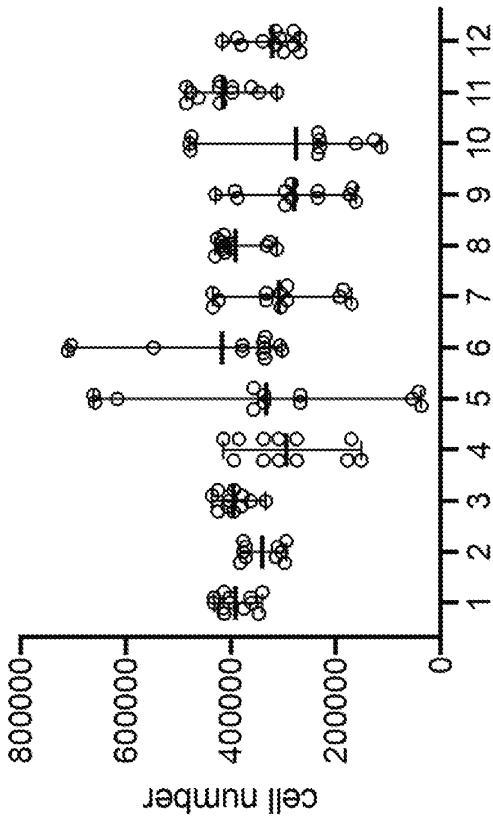


FIG. 3B

Condition	% anti-CD3	% anti-CD28	% anti-CD2
1	10	90	0
2	90	10	0
3	50	50	0
4	10	45	45
5	10	9	81
6	10	81	9
7	10	45	45
8	90	5	5
9	33	33	33
10	33	6.6	59.4
11	33	59.4	6.6
12	anti-CD3/CD28 beads		

FIG. 3A

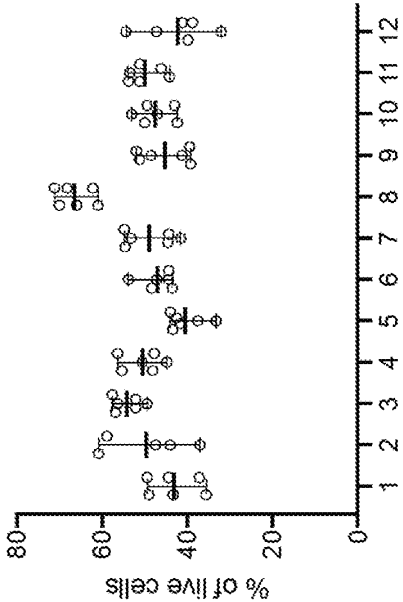


FIG. 3D

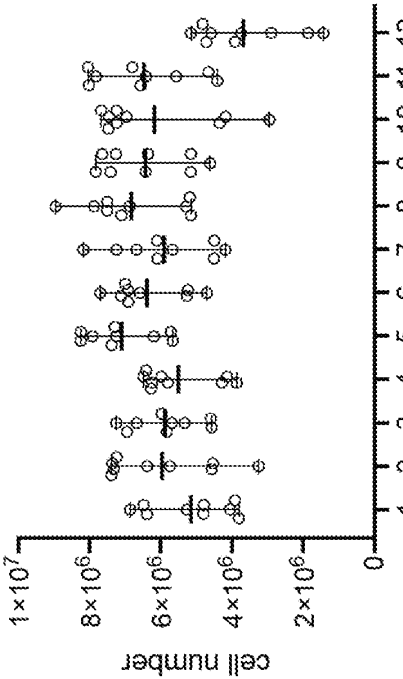


FIG. 3C

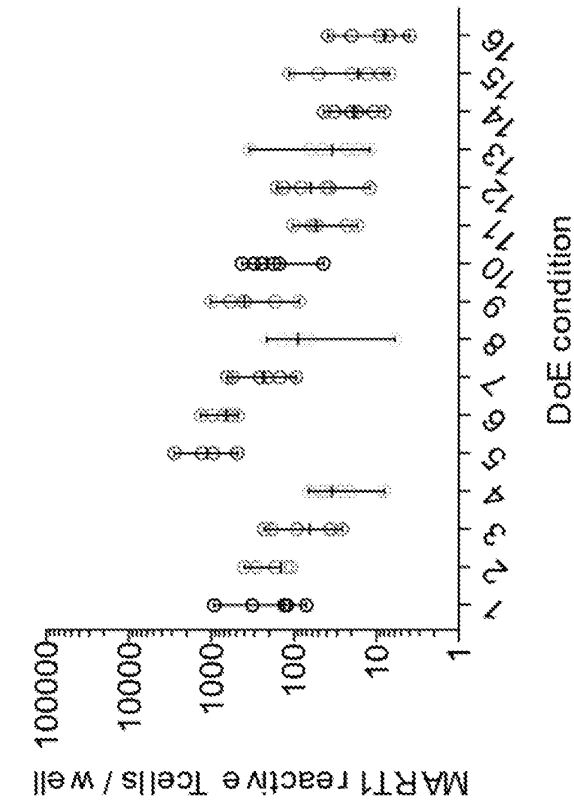


FIG. 4A

Condition	pMHC ug/mL	Costimulation Ug/mL
1	7.5	15
2	2.5	15
3	0.83	15
4	0.28	15
5	7.5	1.7
6	2.5	1.7
7	0.83	1.7
8	0.28	1.7
9	7.5	0.19
10	2.5	0.19
11	0.83	0.19
12	0.28	0.19
13	7.5	0.02
14	2.5	0.02
15	0.83	0.02
16	0.28	0.02

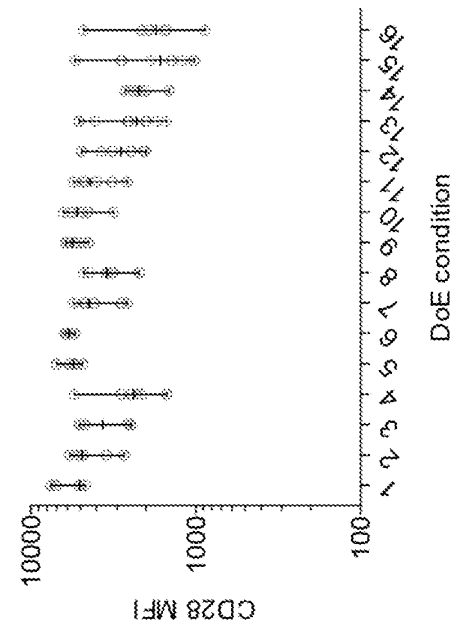


FIG. 4C

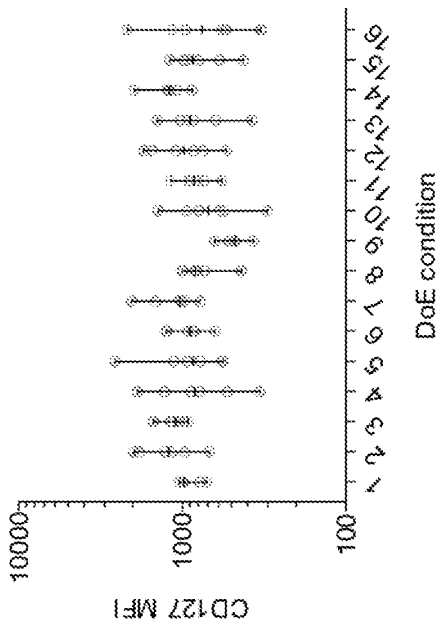
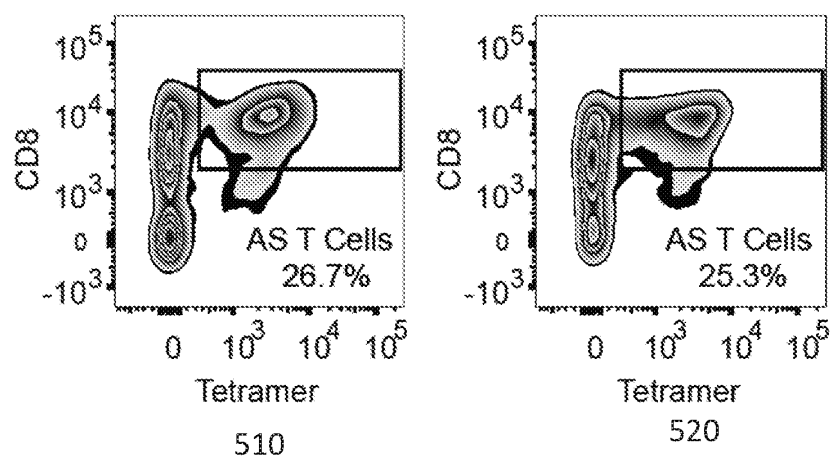
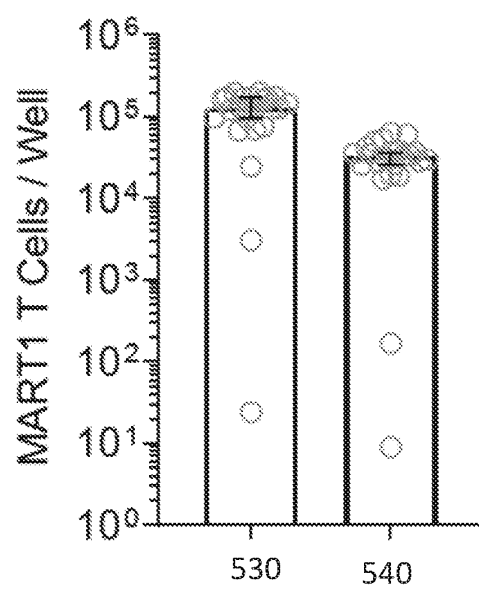
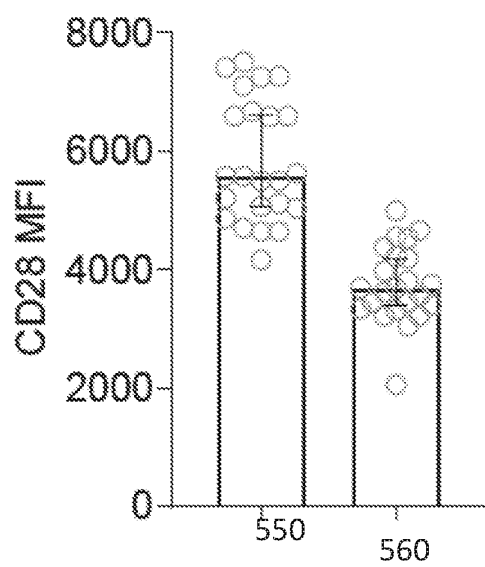
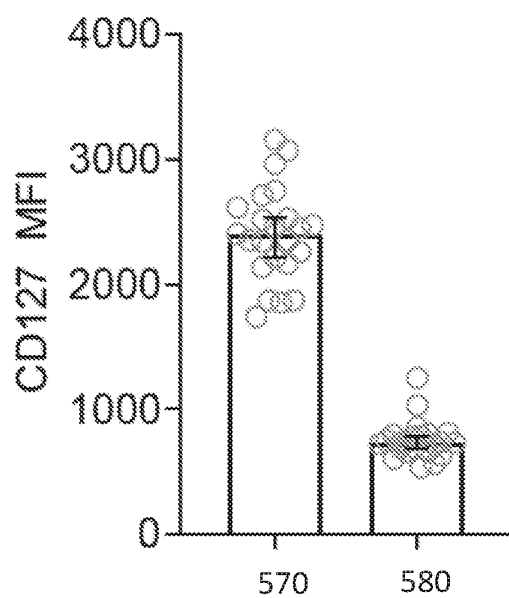


FIG. 4B

**FIG. 5A****FIG. 5B**

**FIG. 5C****FIG. 5D**

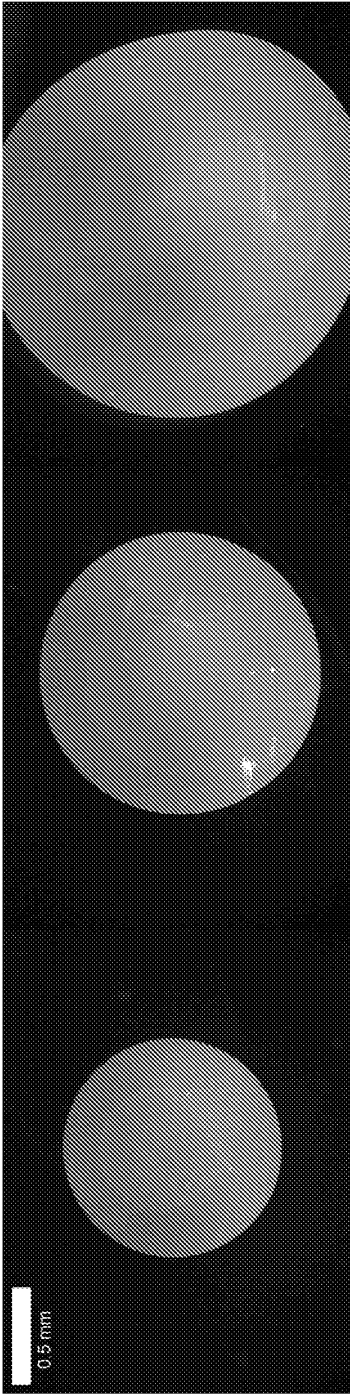


FIG. 6A

197

195

193

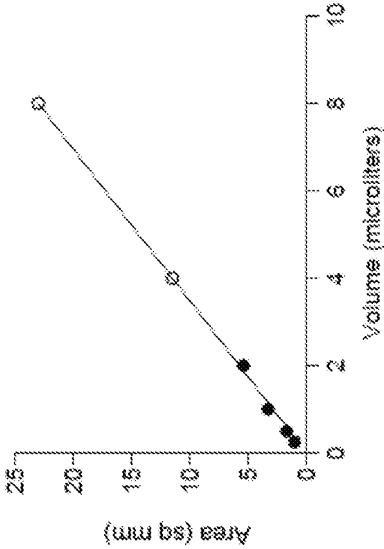
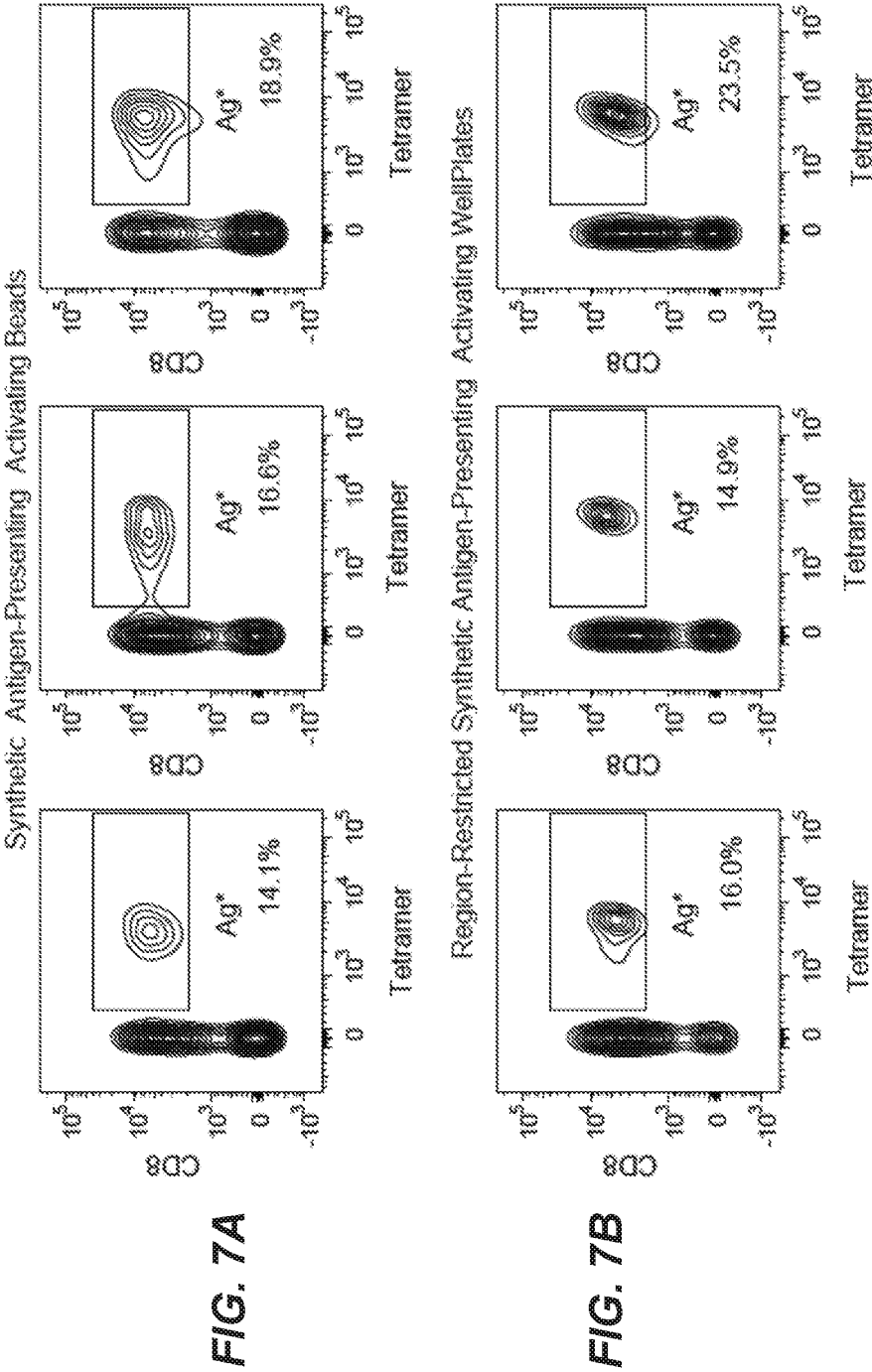


FIG. 6B



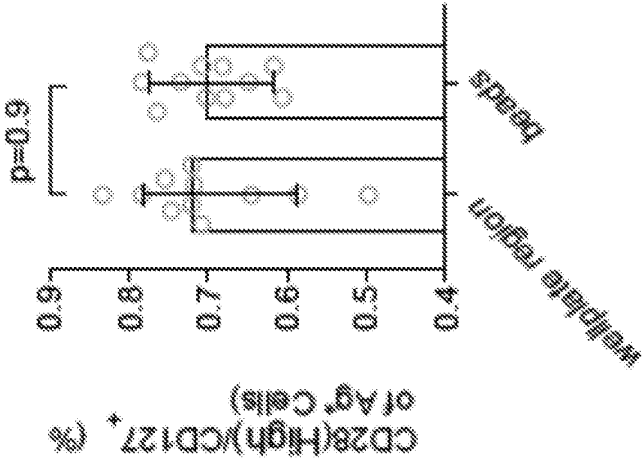


FIG. 7D

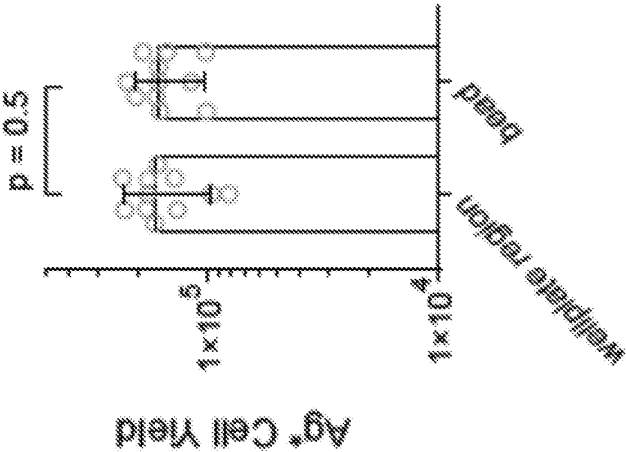


FIG. 7C

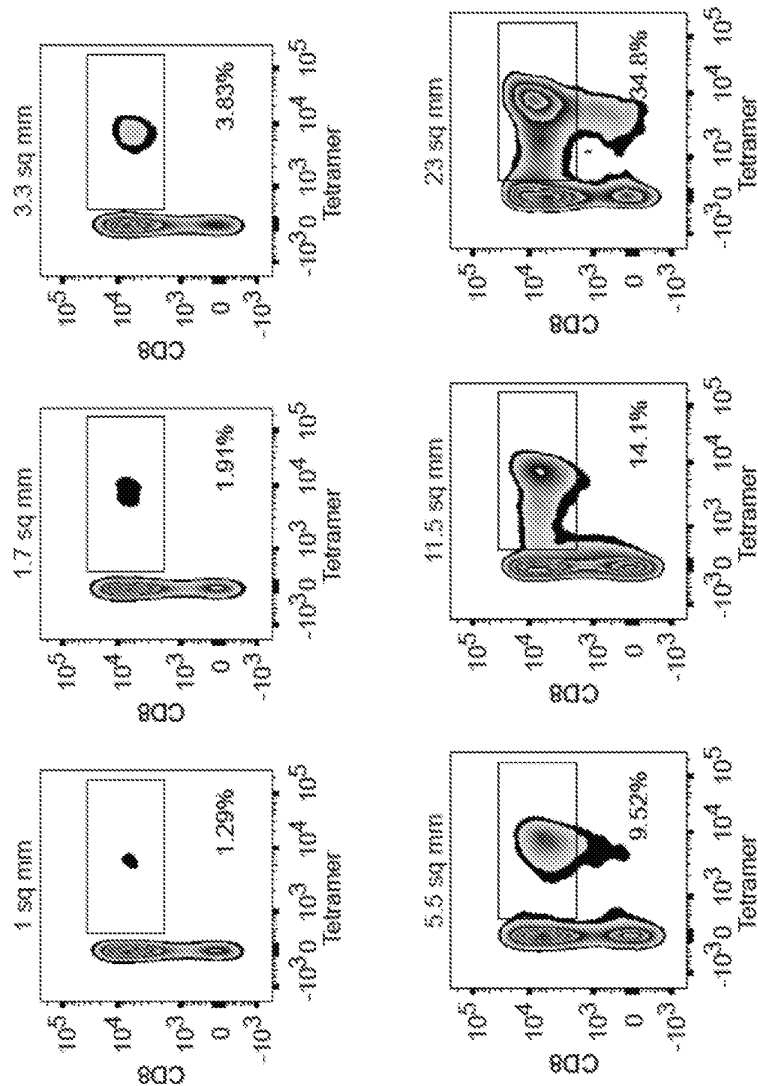


FIG. 8A

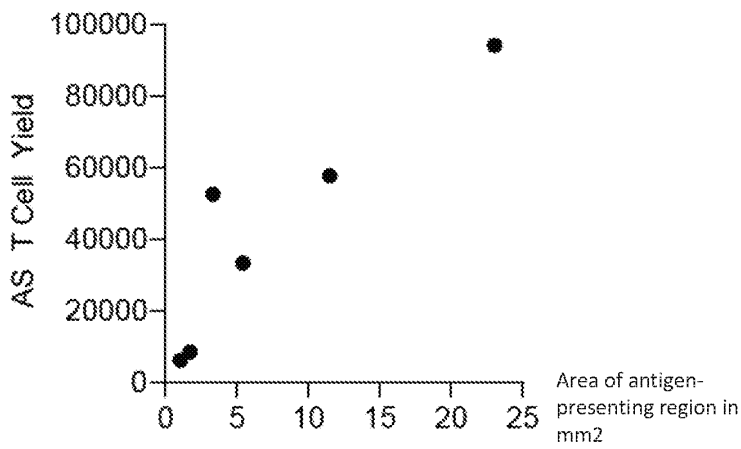


FIG. 8B

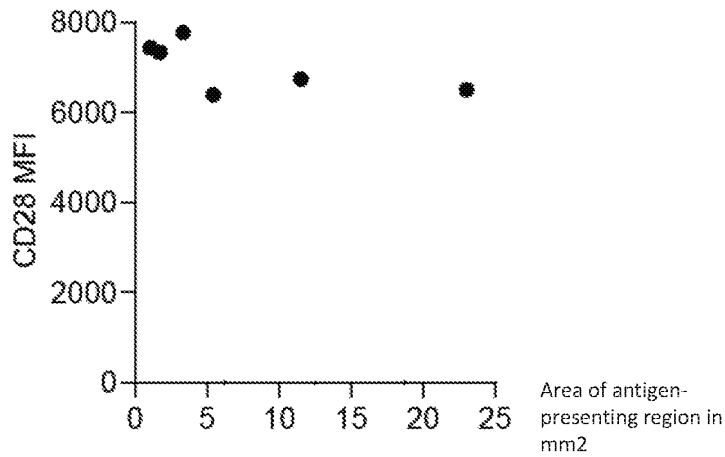


FIG. 8C

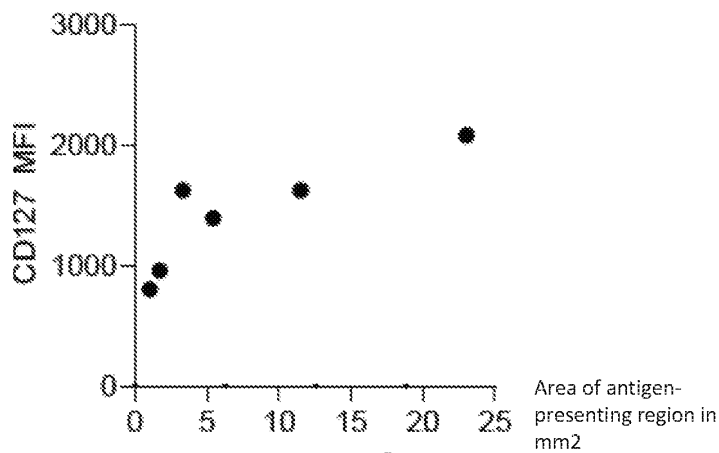


FIG. 8D