

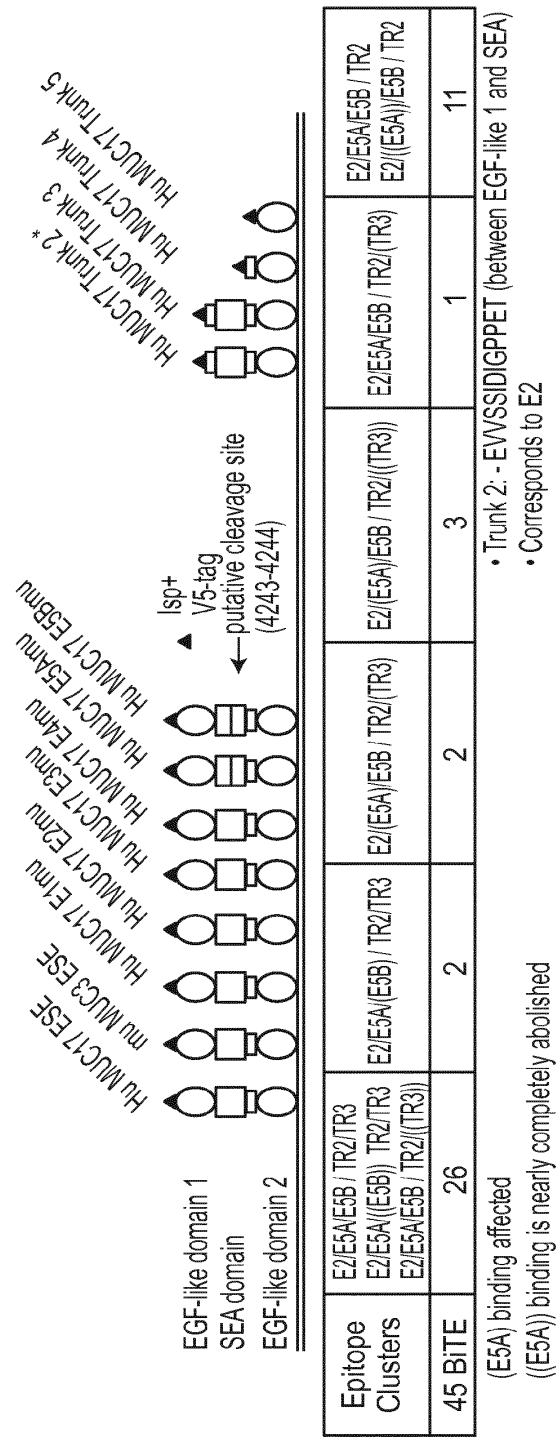


FIG. 1

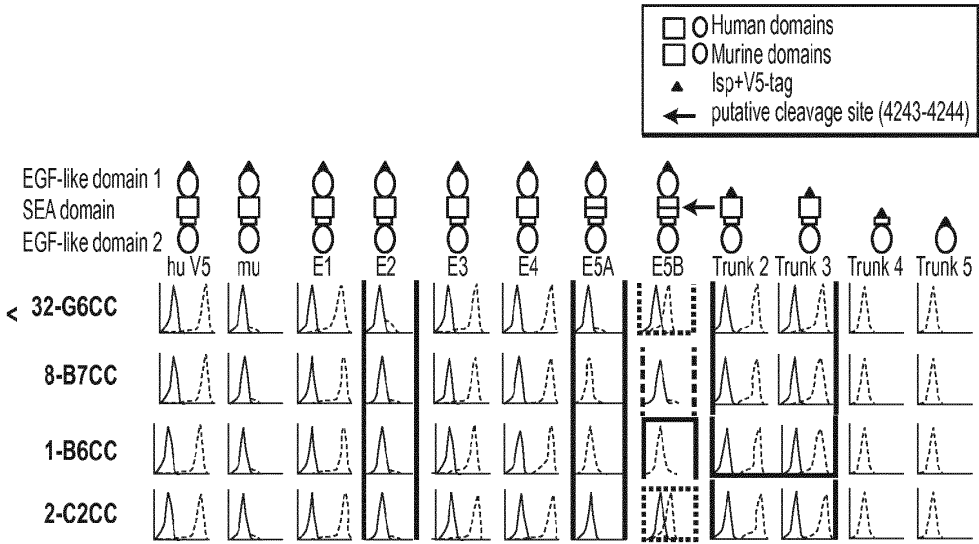


FIG. 2

FIG. 3A

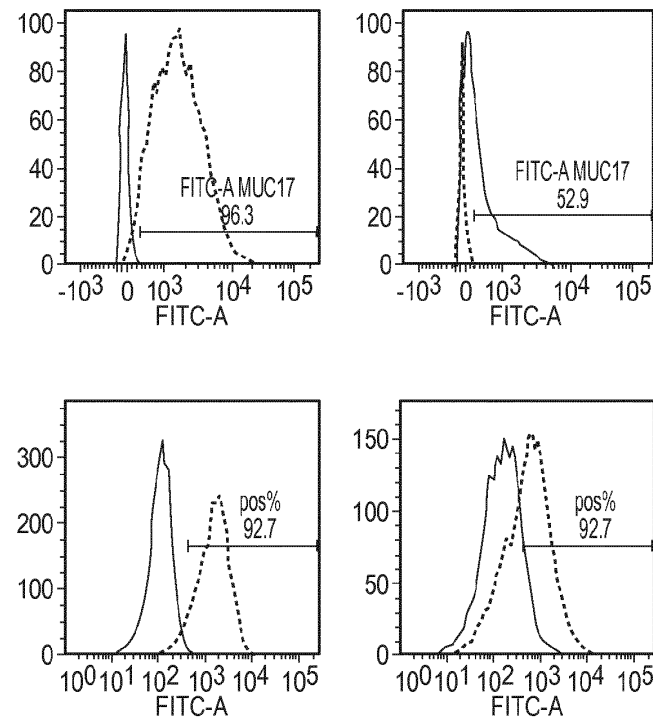
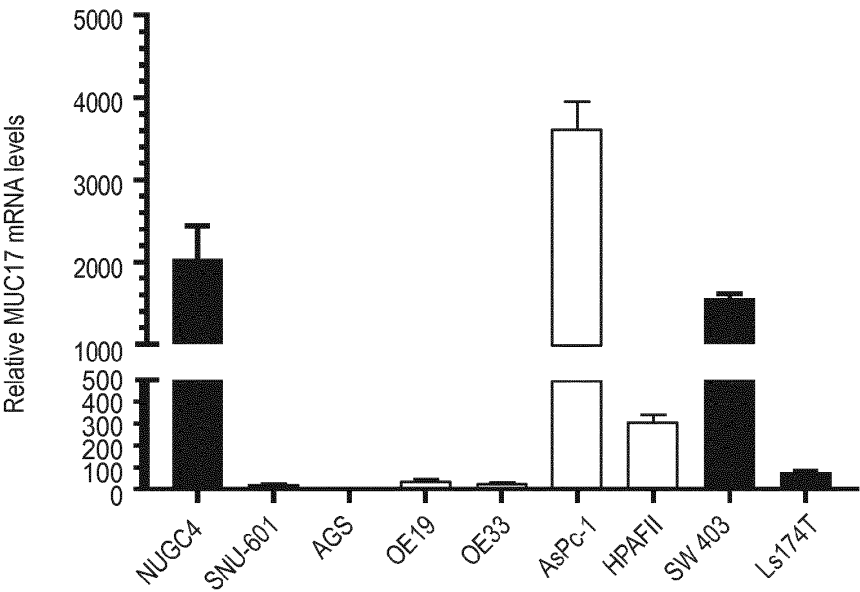


FIG. 3B



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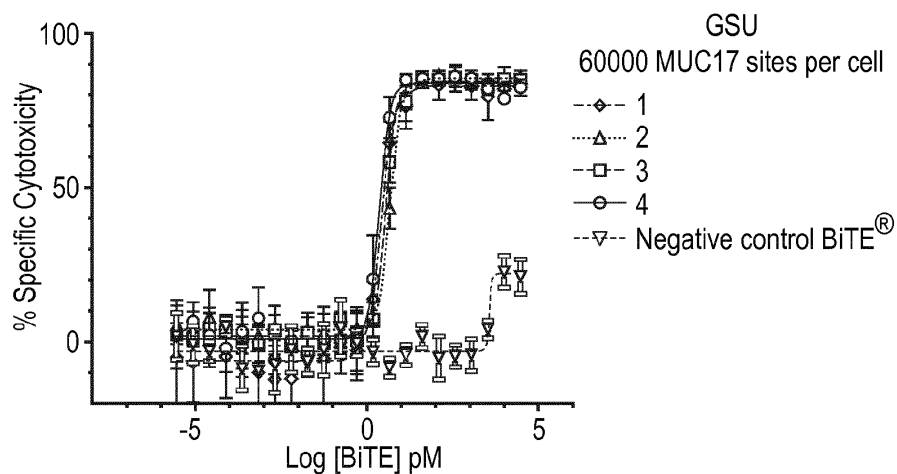
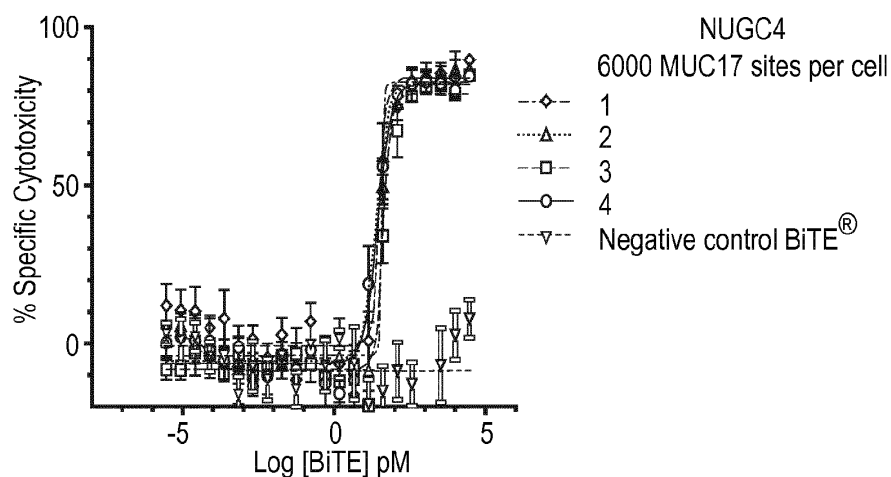
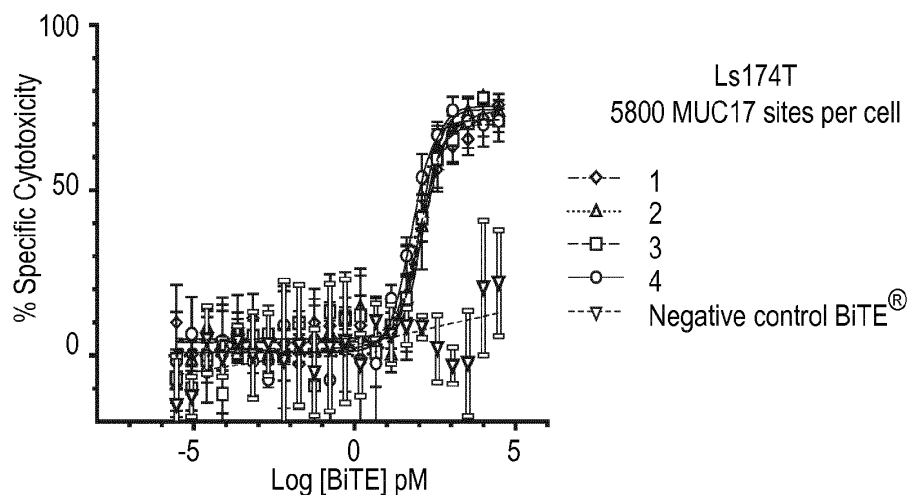
FIG. 4A**FIG. 4B****FIG. 4C**

FIG. 5A

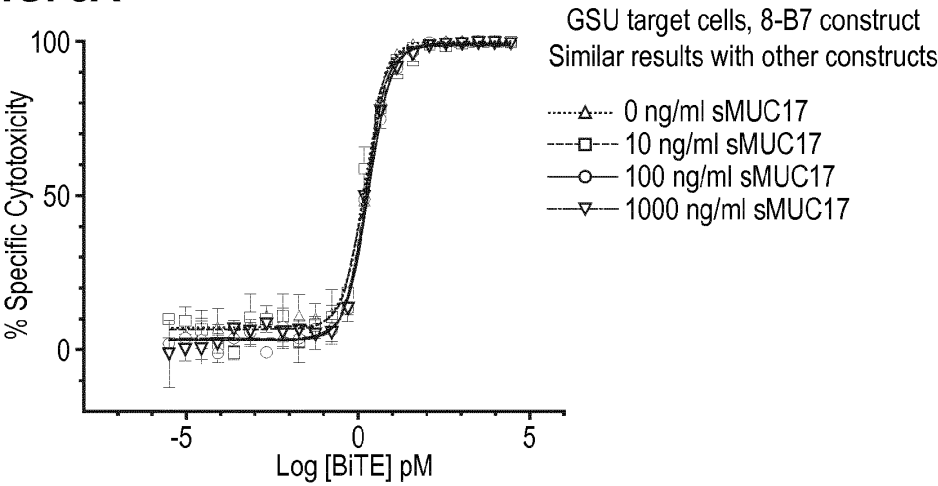
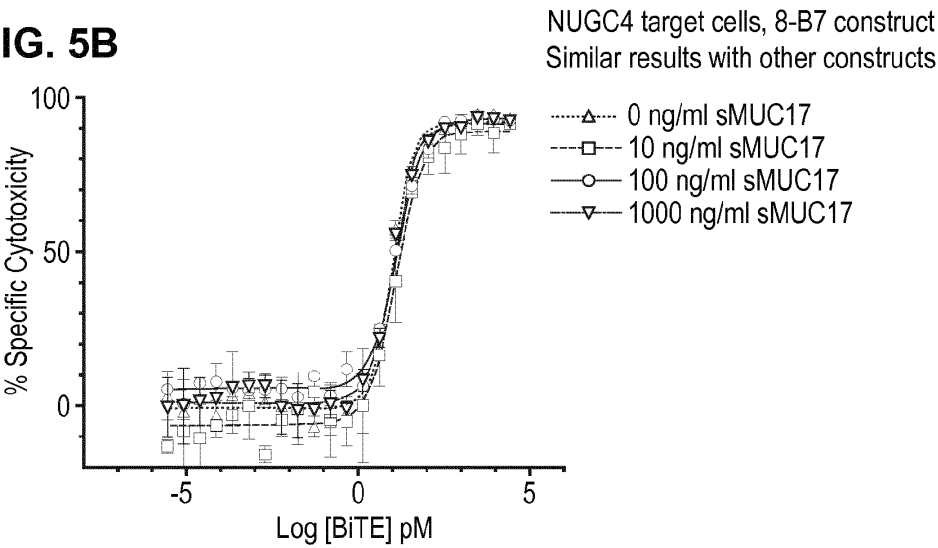
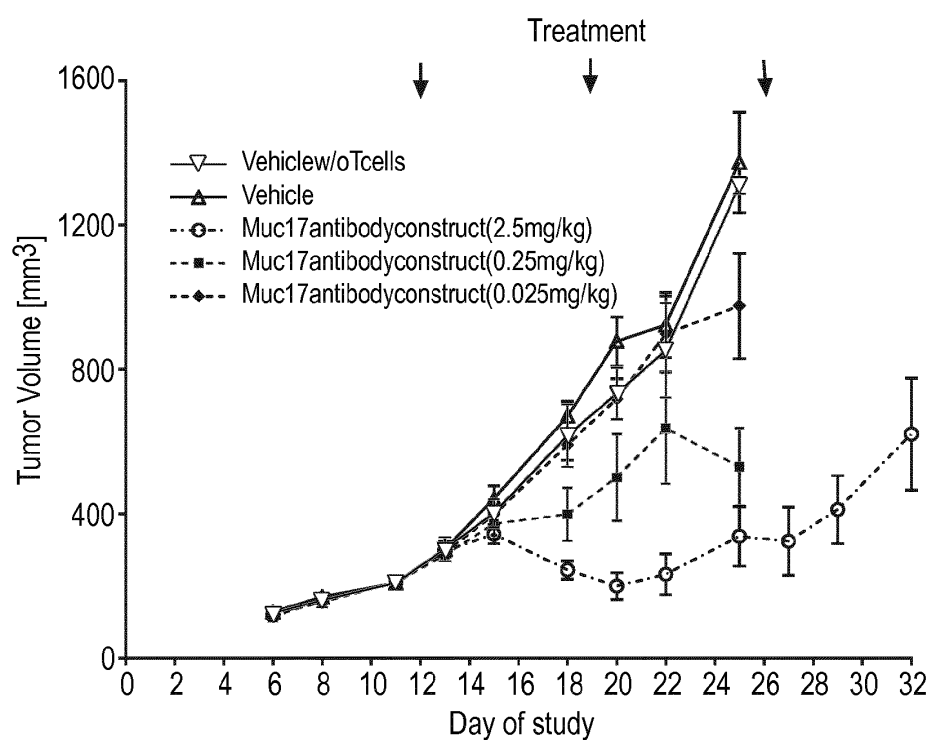


FIG. 5B



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**FIG. 6**

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FIG. 7

OPT Library	MUC17 BiTE antibody x 12CO-scFc	Epitope cluster	FIG. 7			
			Affinity (Biacore) huMUC17 [nM]	NUGC-4 & unstim huPBMC	NUG/Kdhu	VH_VL
1a	2-D11 CC	E2/E5A/(E5B) / TR2/TR3	0,70	21,5	30,7	3_I3
1c	8-E3 CC	E2/E5A/(E5B) / TR2/TR3	2,40	35,1	146,2	3_I3
1c	32-G6 CC	E2/E5A/(E5B) / TR2/TR3	0,40	49,0	122,5	3I3
1c	2-C2 CC	E2/E5A/(E5B) / TR2/TR3	0,50	32,4	64,8	3I3
4a	8-A7 CC	E2/E5A/(E5B) / TR2/TR3	1,10	9,9	9,0	4I3
4a	8-B7 CC	E2/E5A/(E5B) / TR2/TR3	1,20	17,2	14,3	4I3
4a	8-B8 CC	E2/E5A/(E5B) / TR2/TR3	1,00	20,6	20,6	4I3
4a	8-C7 CC	E2/E5A/(E5B) / TR2/TR3	1,10	19,9	18,1	4I3
4a	8-H8 CC	E2/E5A/E5B / TR2/TR3	1,40	17,1	12,2	4I3
4a	8-D7 CC	E2/E5A/E5B / TR2/TR3	1,20	21,3	17,8	4I3
4a	4-E7 CC	E2/E5A/E5B / TR2/TR3	2,20	20,3	9,2	4I3
4a	8-F9 CC	E2/E5A/E5B / TR2/TR3	1,10	13,6	12,4	4I3
4a	1-A8 CC	E2/E5A/E5B / TR2/TR3	1,00	8,0	8,0	4I3
4b	8-H9 CC	E2/E5A/E5B / TR2/TR3	5,00	39,2	7,8	4I3
4b	1-B6 CC	E2/E5A/E5B / TR2/TR3	3,40	27,5	8,1	4I3
5a	8-F11 CC	E2/E5A/E5B / TR2/TR3	64,90	44,2	6,8	4I3
6	6-B12 CC	E2/(E5A)/E5B / TR2/(TR3)	0,10	142	1419,5	3k3
6	7-G6 CC	E2/(E5A)/E5B / TR2/(TR3)	0,40	247	616,5	3k3
6	0-F6 CC	E2/E5A/E5B / TR2	0,80	468	610,5	3k3
6	0-F9 CC	E2/E5A/E5B / TR2/(TR3)	0,50	224	448,1	3k3
6	1-E9 CC	E2/E5A/E5B / TR2/(TR3)	0,30	122	408,0	3k3
6	1-H2 CC	E2/(E5A)/E5B / TR2/(TR3)	0,80	258	323,1	3k3
6	02-E7 CC	E2/(E5A)/E5B TR2/(TR3)	0,20	291	1454,2	3k3
6	2-F7 CC	E2/E5A/E5B / TR2/(TR3)	0,40	152	379,3	3k3
6	5-H4 CC	E2/E5A/E5B / TR2	2,50	883	333,2	3k3
6	0-E5 CC	E2/(E5A)/E5B TR2/(TR3)	0,20	190	950,0	3k3
6	3-C10 CC	E2/E5A/E5B / TR2	0,60	327	545,0	3k3
7	8-H5 CC	E2/E5A/E5B / TR2	1,30	1308	1002,5	3k3
7	92-C12 CC	E2/E5A/E5B / TR2	3,30	1417	429,4	3k3
7	2-A3 CC	E2/E5A/E5B / TR2	1,70	687	374,7	3k3
8	4-C3 CC	E2/(E5A)/E5B / TR2	9,10	2975	328,9	3k3
8	92-G6 CC	E2/E5A/E5B / TR2	6,30	1750	279,4	3k3
8	4-C11 CC	E2/E5A/E5B / TR2	7,60	2445	322,2	3k3
8	4-C4 CC	E2/E5A/E5B / TR2	0,60	427	711,7	3k3
8	4-B6 CC	E2/E5A/E5B / TR2	4,70	2374	483,6	3k3
9	9-C2 CC	E2/E5A/E5B / TR2/TR3	2,40	154	64,2	3I3
9	1-B10 CC	E2/E5A/E5B / TR2/TR3	33,10	1147	34,7	3I3
9	4-B1 CC	E2/E5A/E5B / TR2/TR3	19,70	1117	56,7	3I3
9	4-F6 CC	E2/E5A/E5B / TR2/TR3	19,20	392	20,4	3I3
9	4-G4 CC	E2/E5A/E5B / TR2/TR3	3,20	135	42,2	3I3
9	4-A8 CC	E2/E5A/E5B / TR2/TR3	12,50	753	60,2	3I3
9	4-B10 CC	E2/E5A/E5B / TR2/TR3	15,30	795	52,0	3I3
9	4-H11 CC	E2/E5A/E5B / TR2/TR3	3,40	120	35,3	3I3
9	4-H2 CC	E2/E5A/E5B / TR2/TR3	2,60	119	45,8	3I3
10	5-H1 CC	E2/E5A/E5B / TR2/TR3	38,70	313	8,2	4I3

(E5A) binding is affected ((E5A)) binding is nearly completely abolished

RECTIFIED SHEET (RULE 91) ISA/EP

FIG. 8A

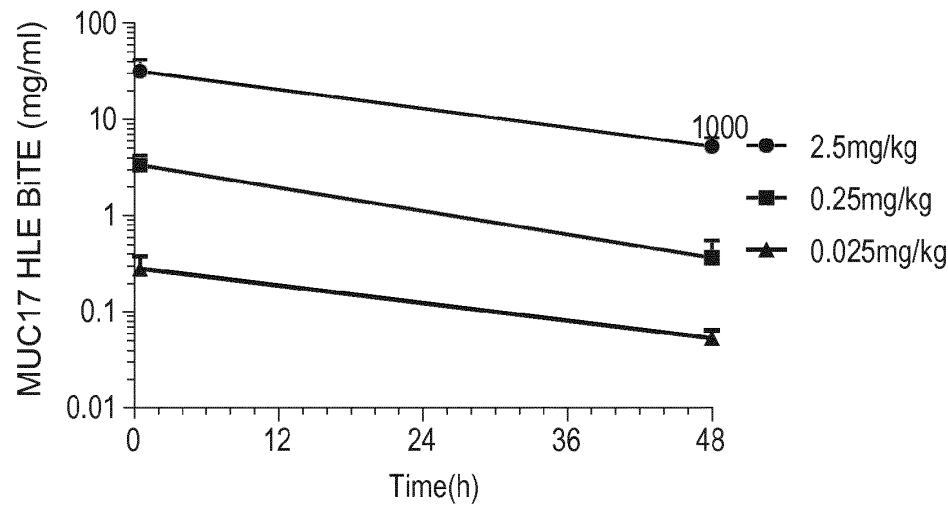


FIG. 8B

