

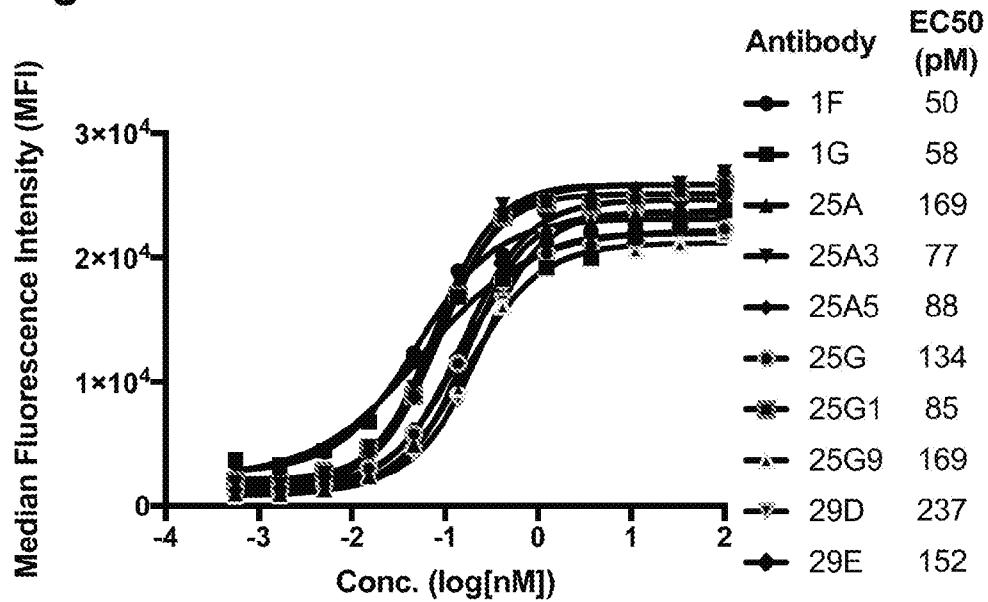
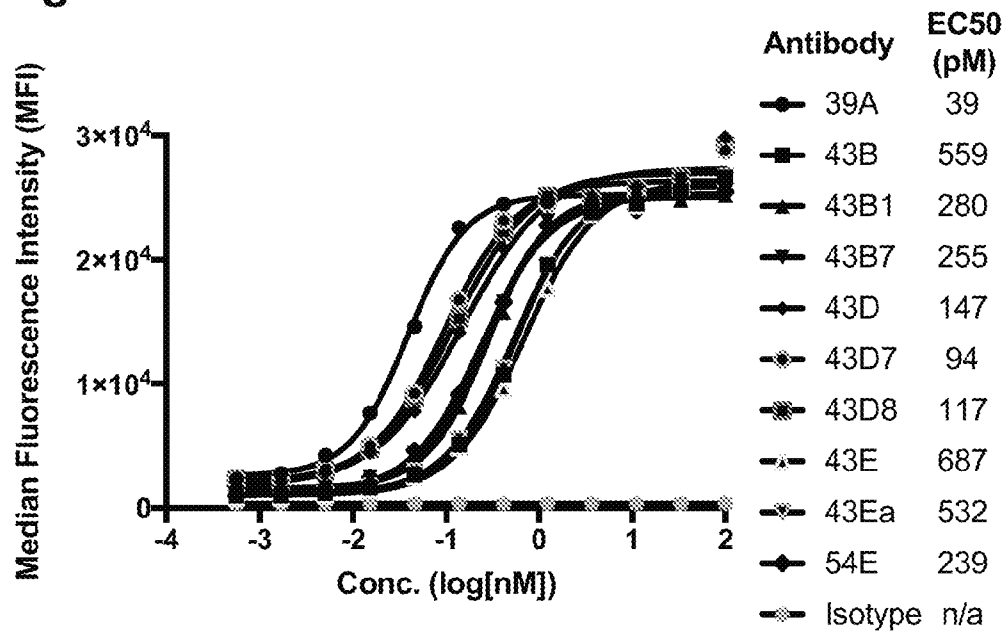
Figure 1A**Figure 1B**

Figure 2A

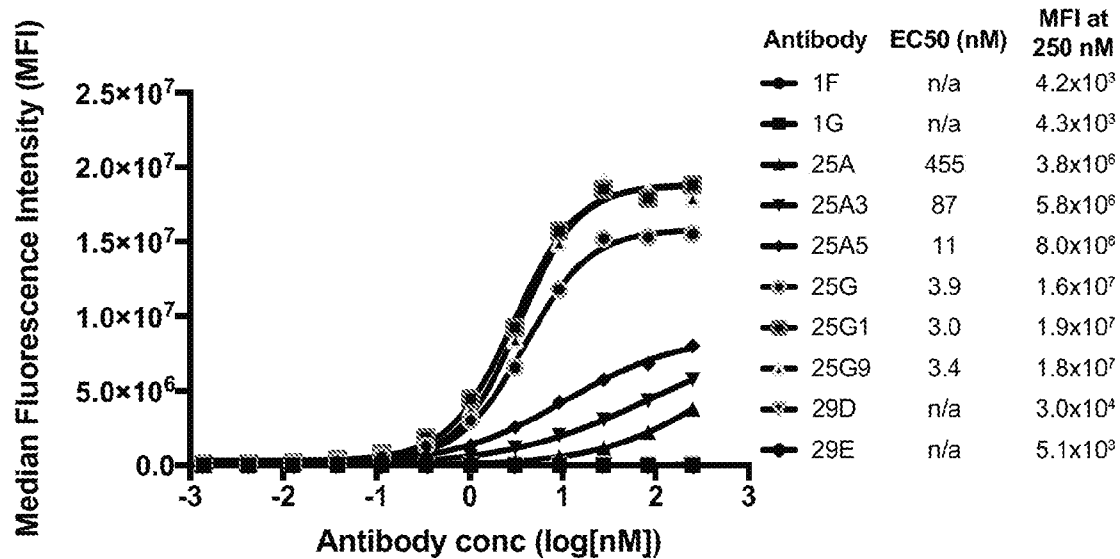


Figure 2B

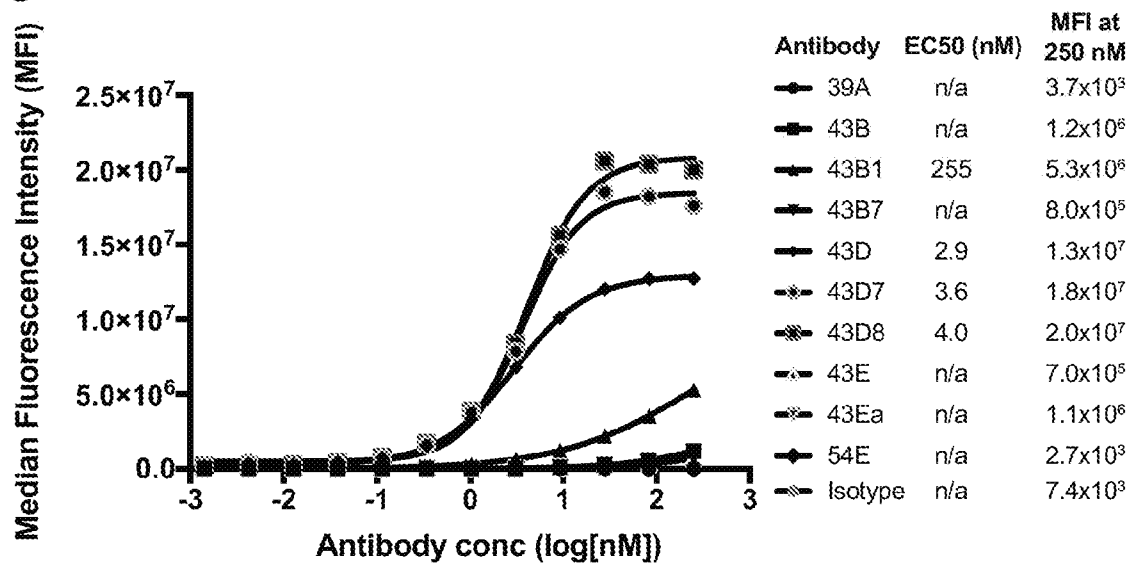


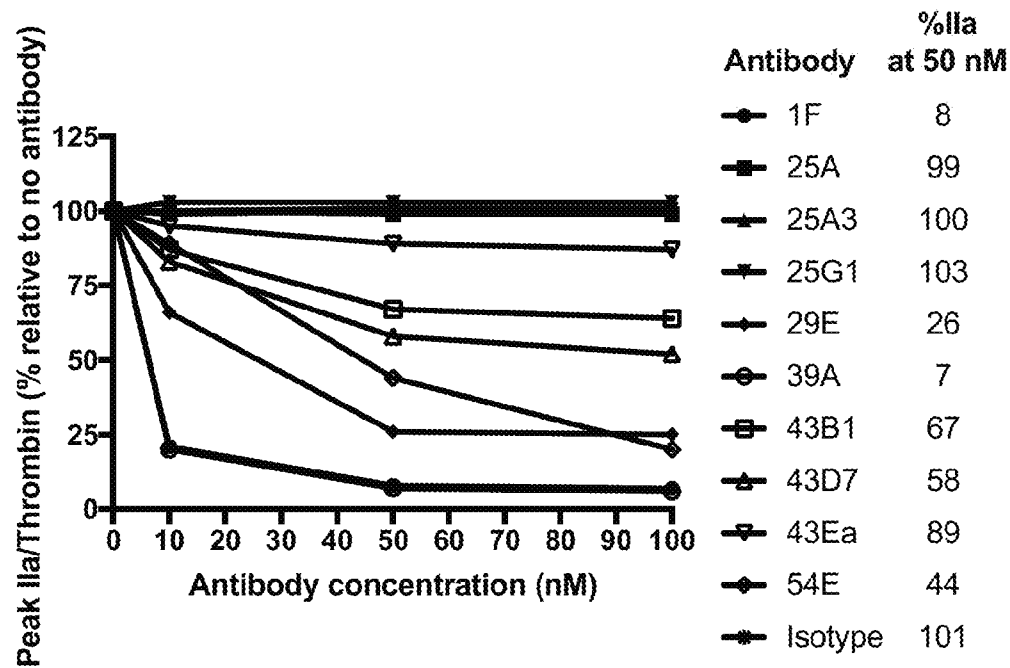
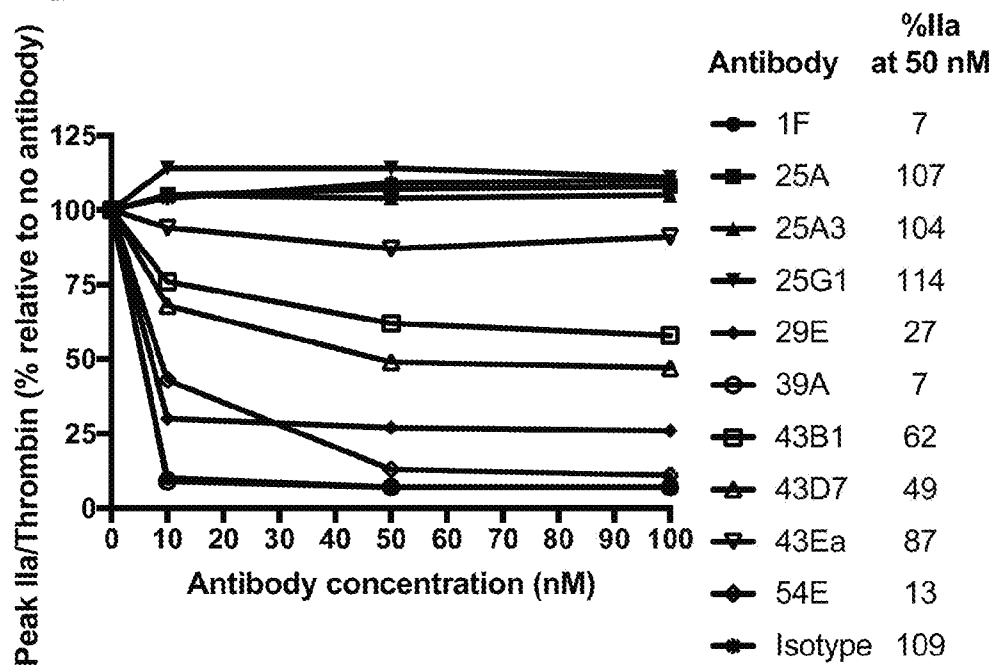
Figure 3A**Figure 3B**

Figure 4A

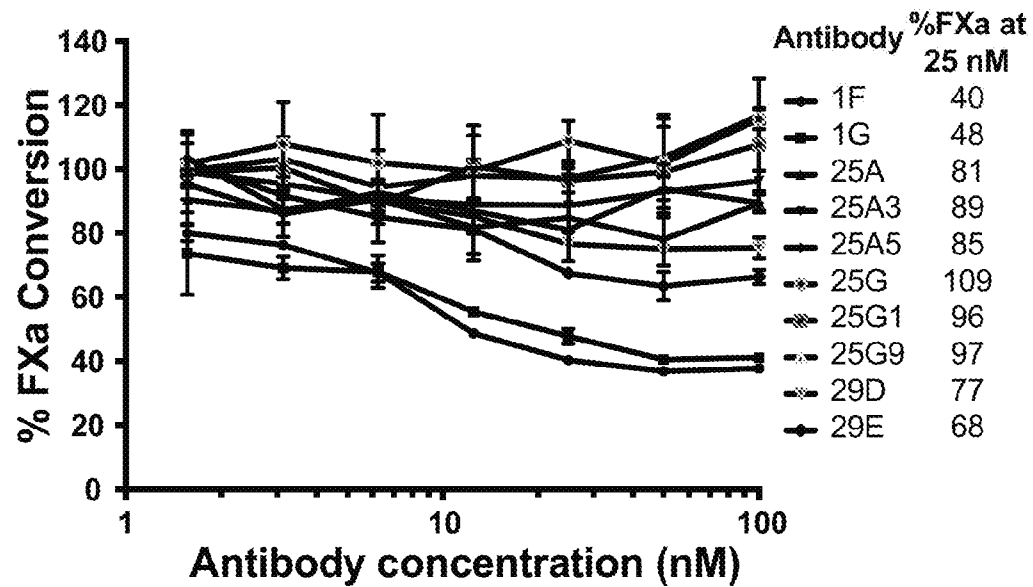


Figure 4B

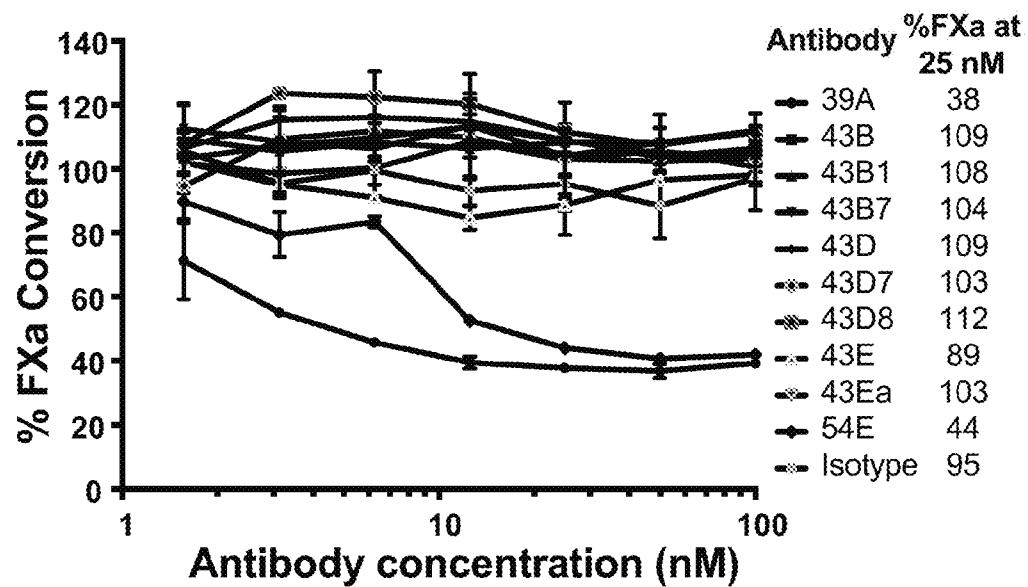


Figure 5A

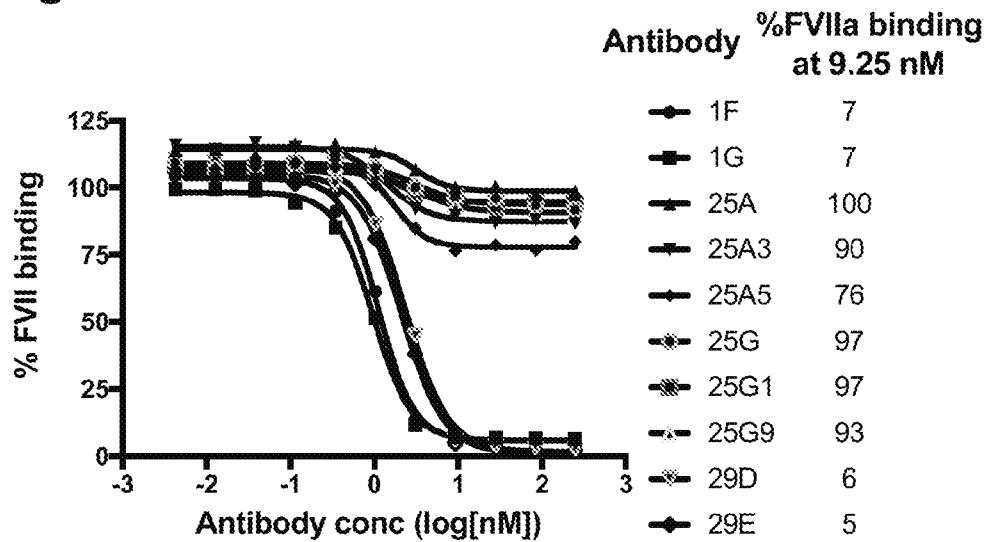


Figure 5B

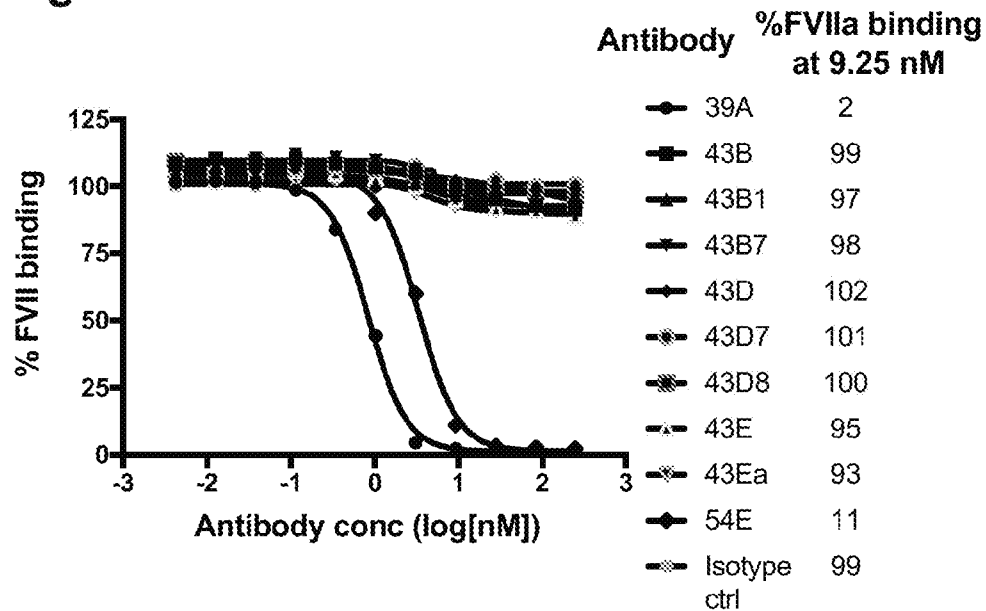


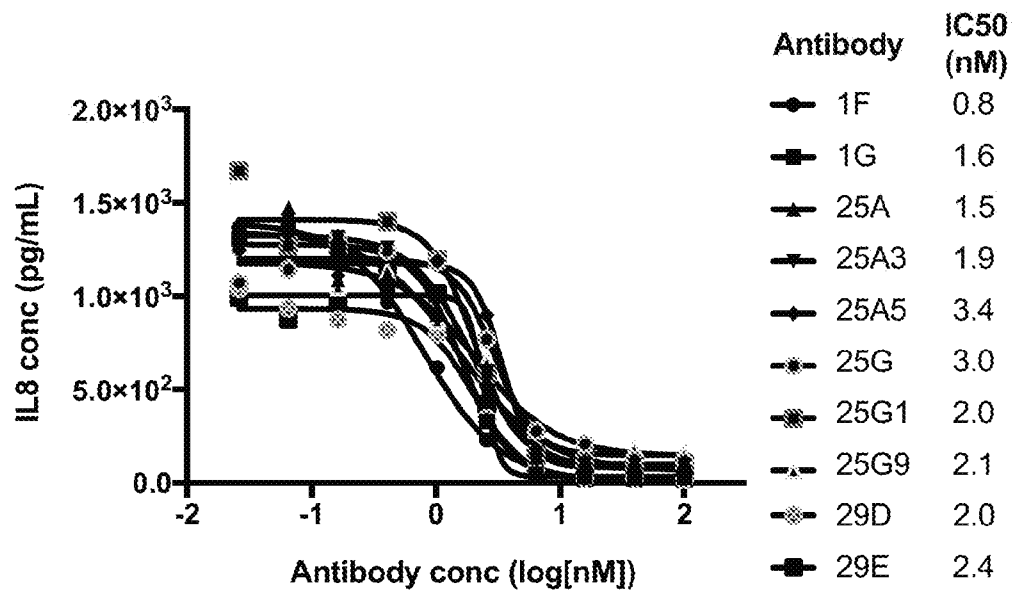
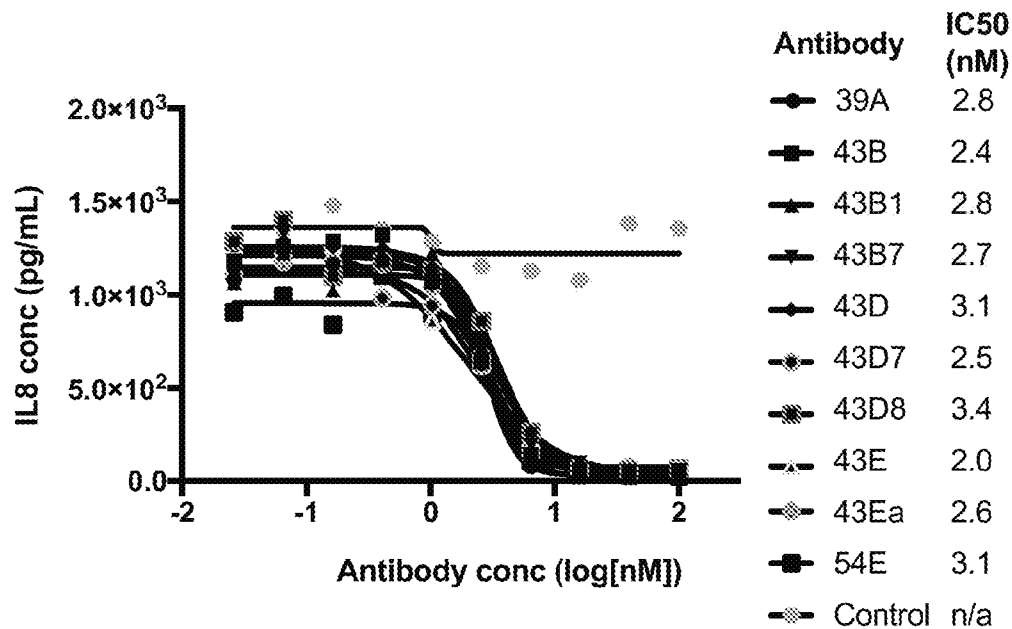
Figure 6A**Figure 6B**

Figure 6C

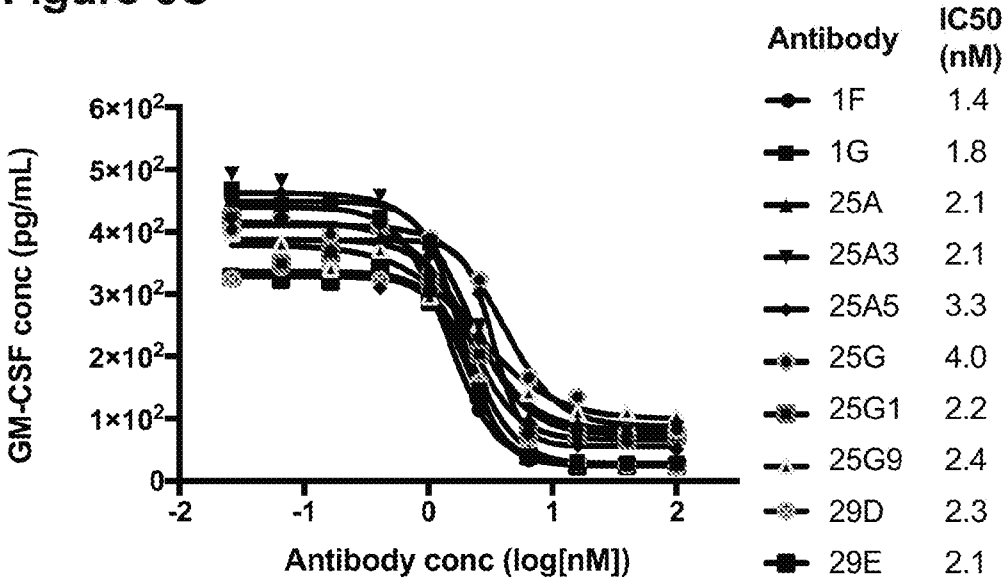


Figure 6D

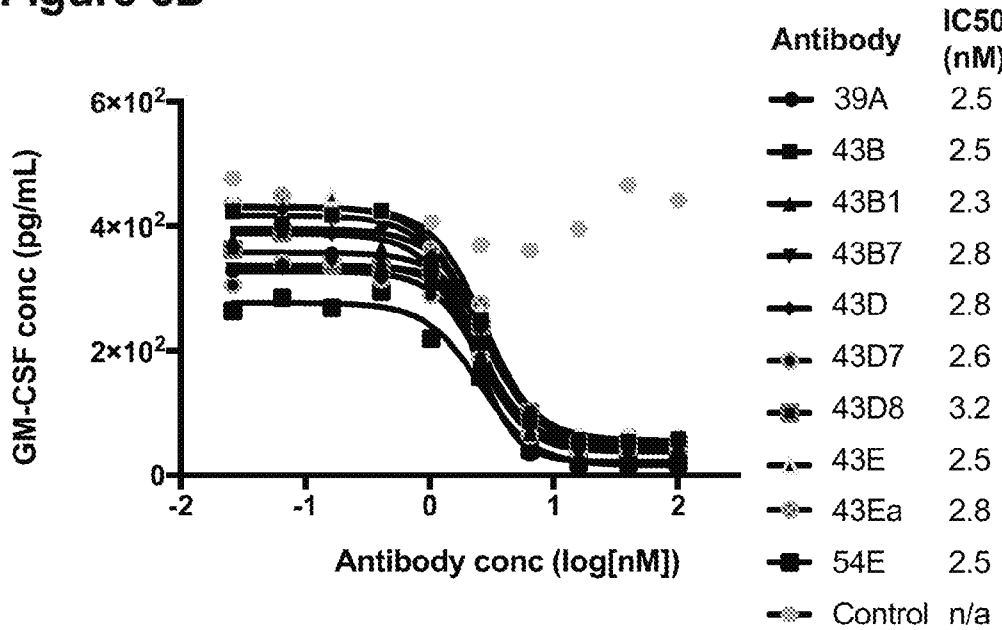


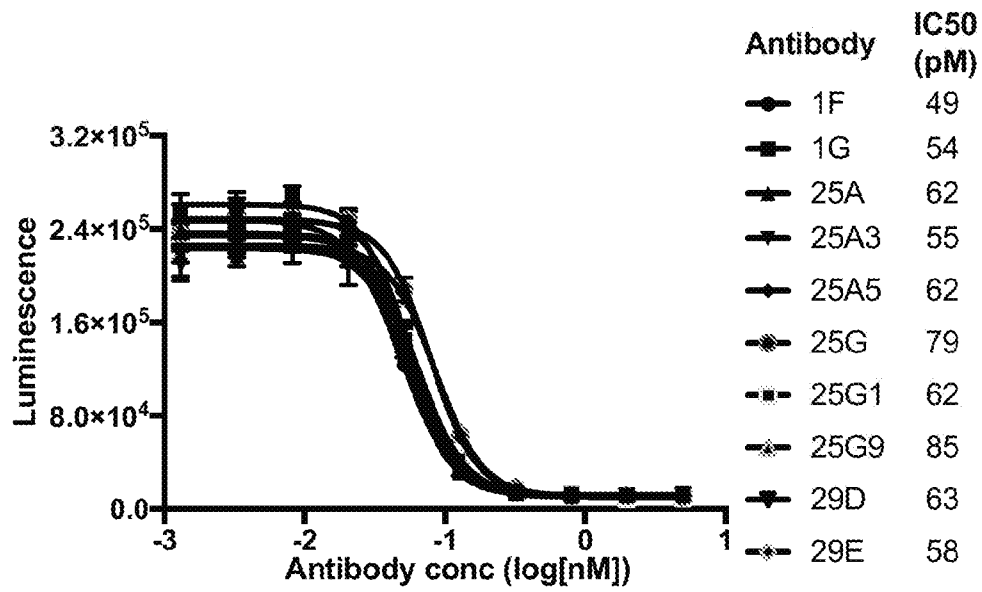
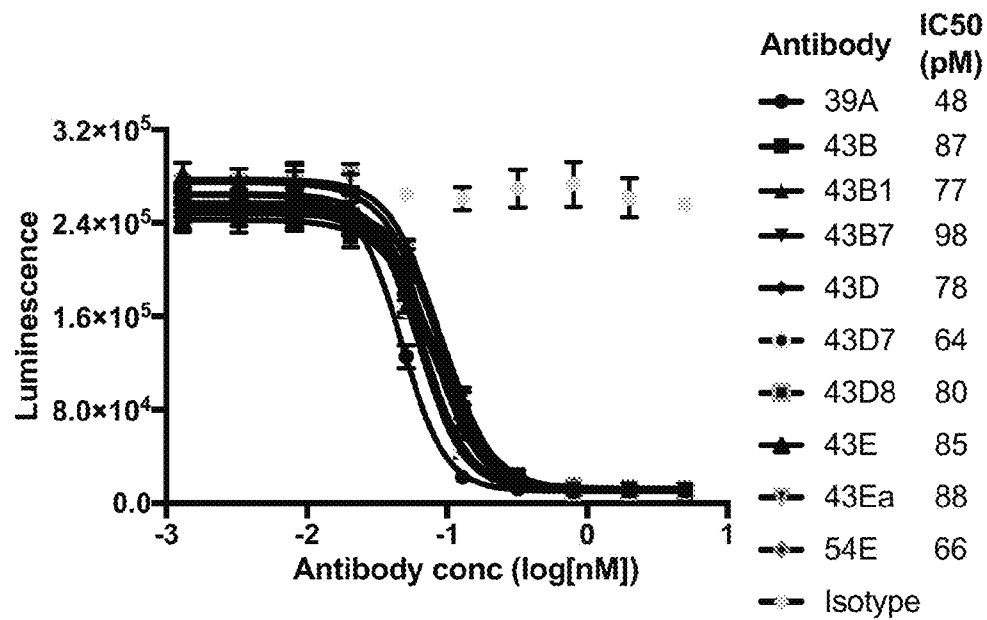
Figure 7A**Figure 7B**

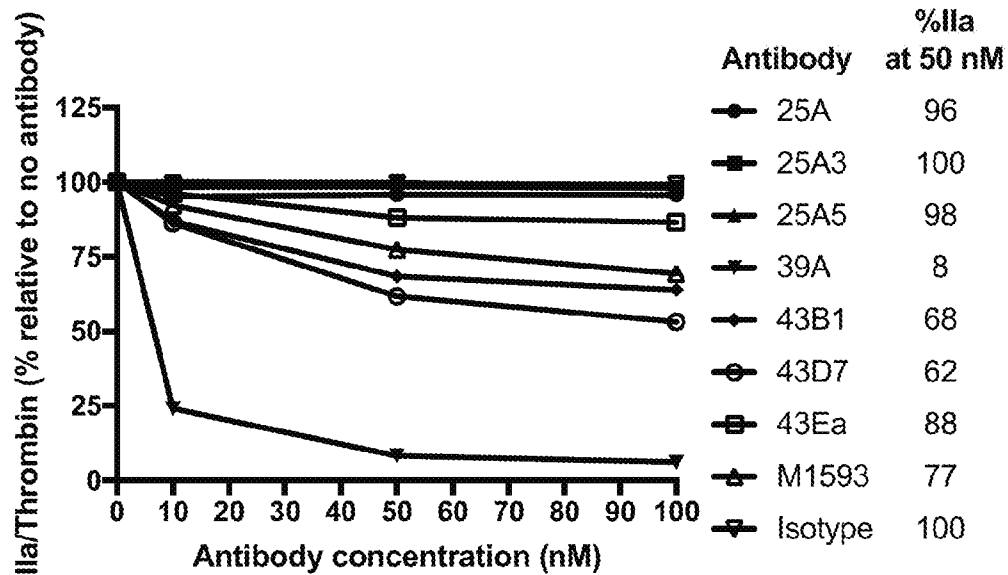
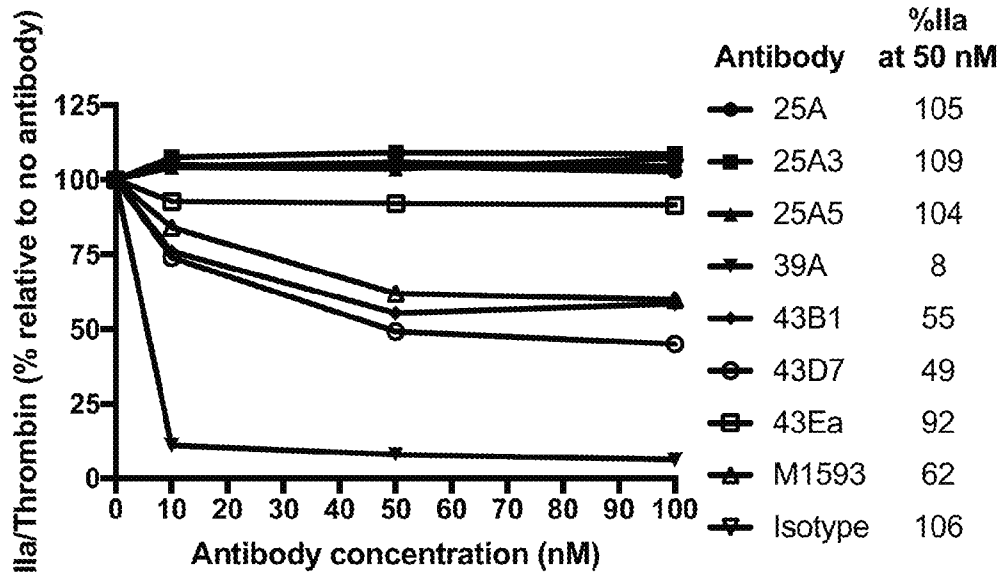
Figure 8A**Figure 8B**

Figure 9A

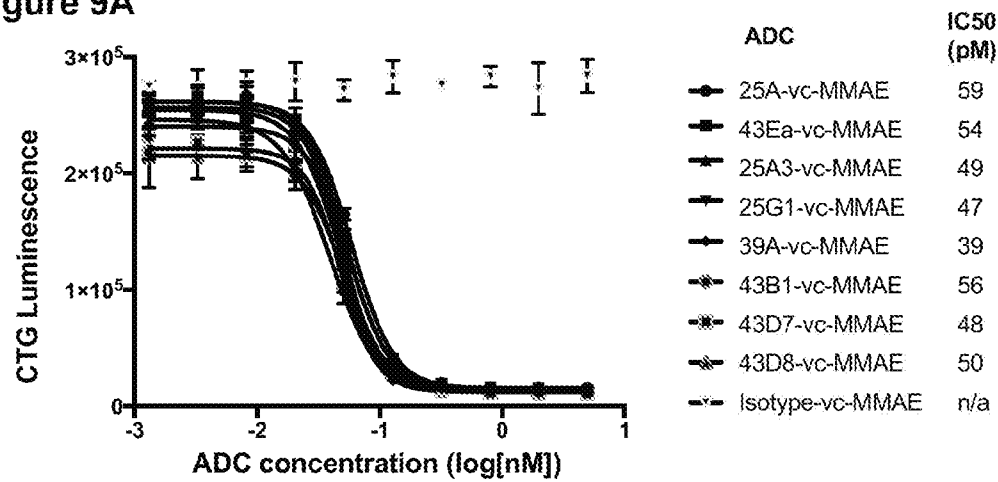


Figure 9B

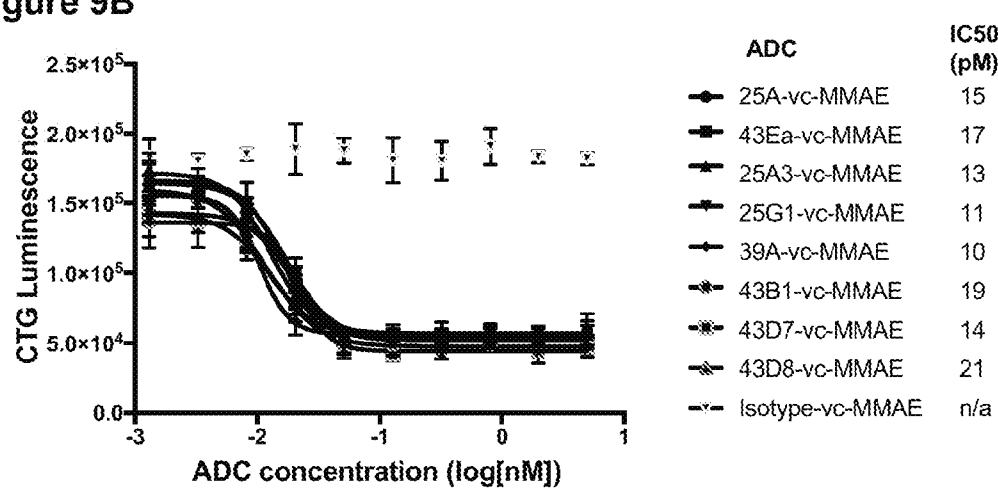


Figure 10A

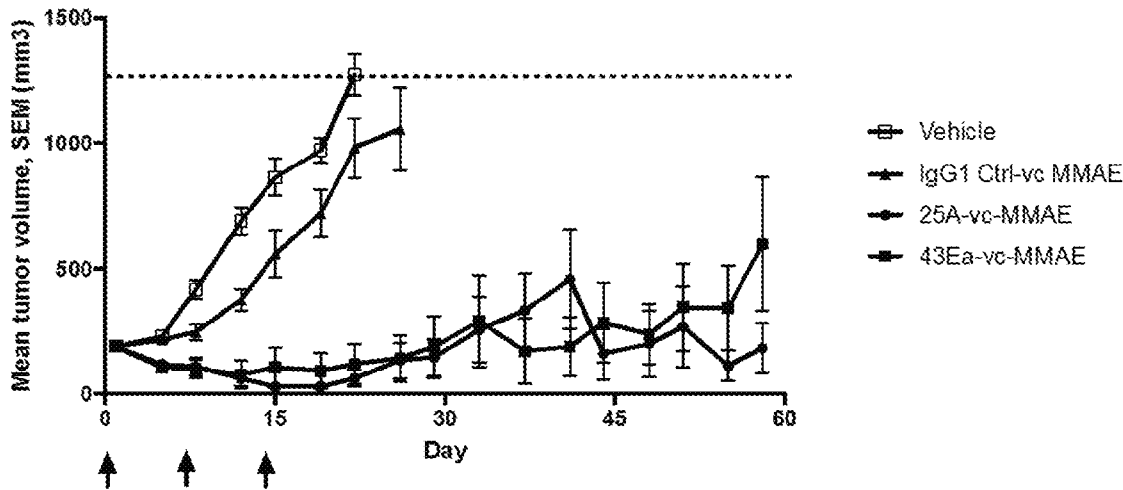


Figure 10B

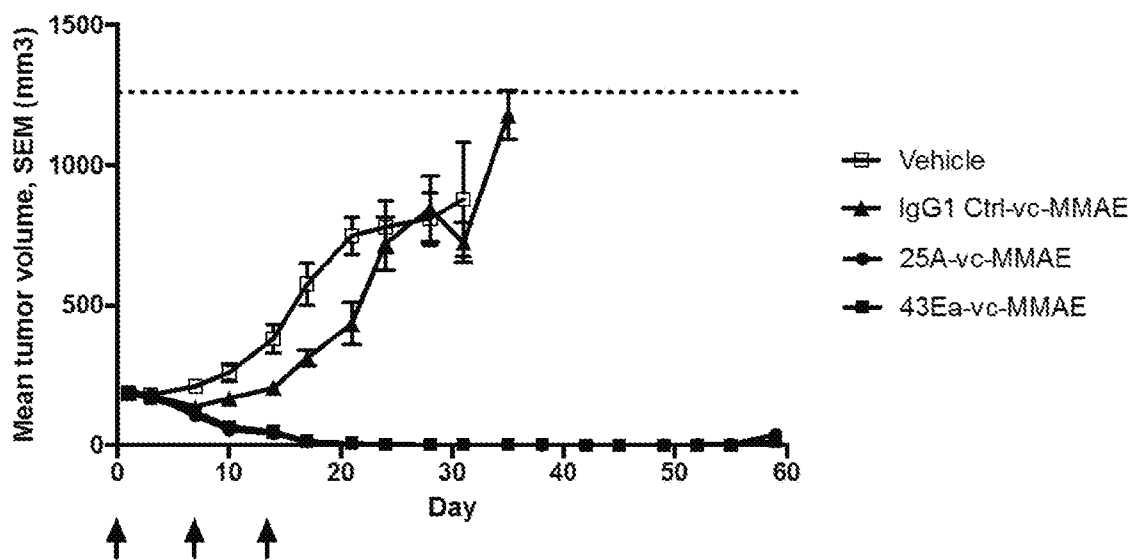


Figure 11

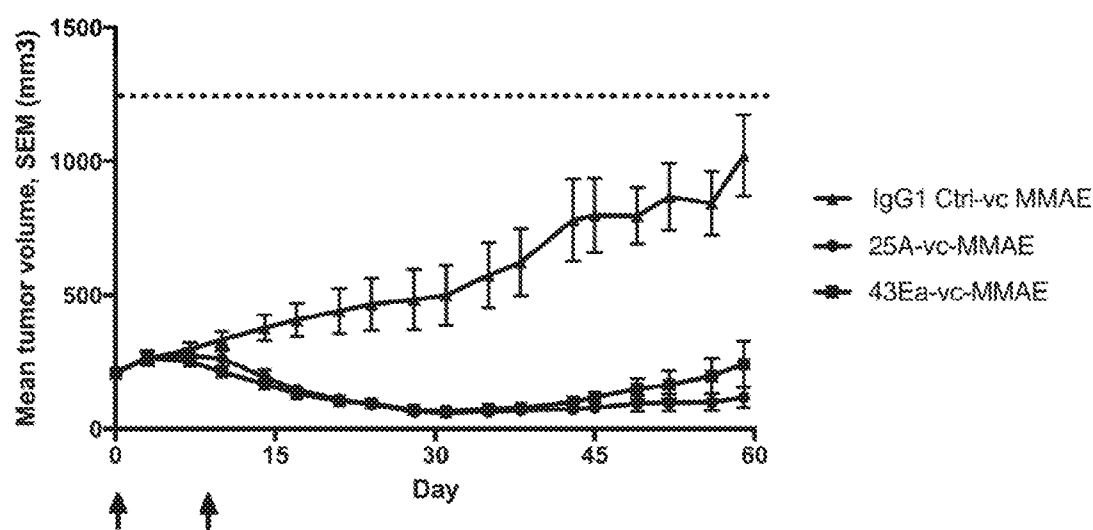


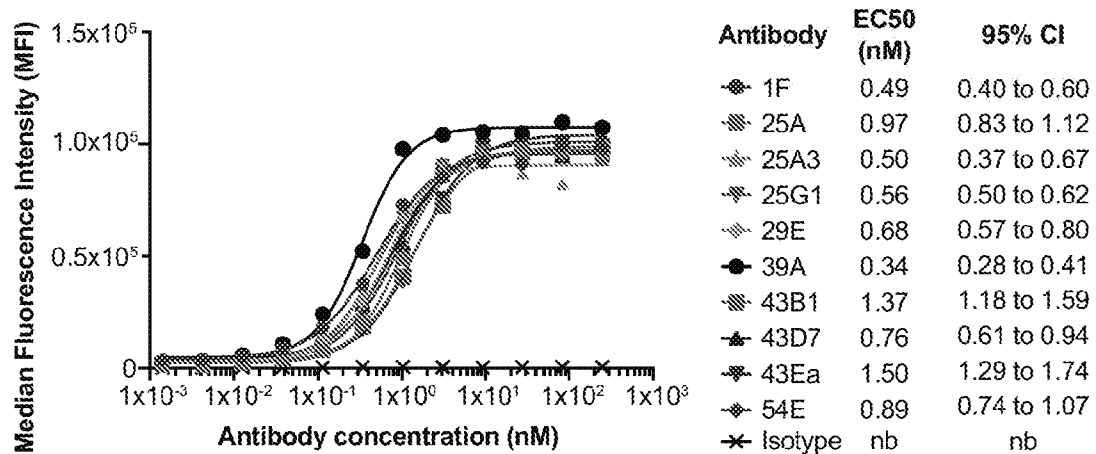
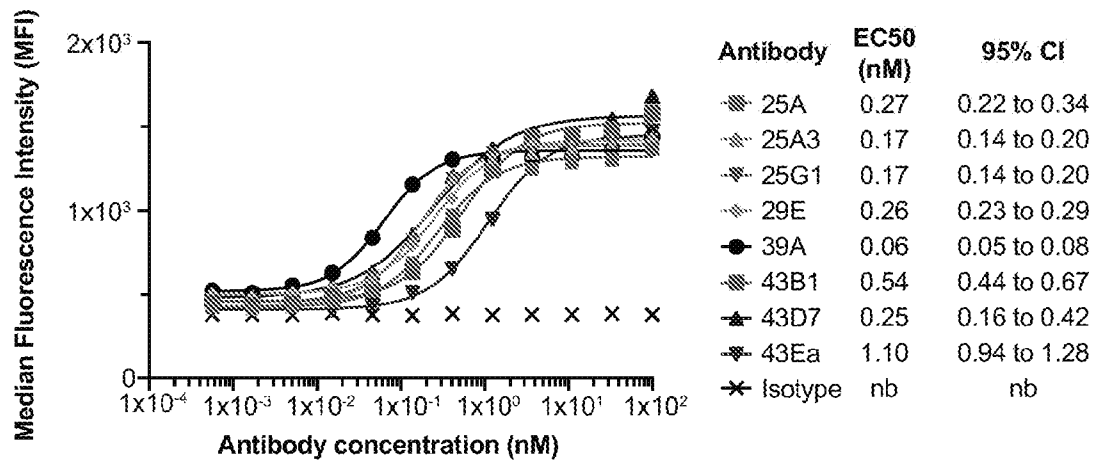
Figure 12A**Figure 12B**

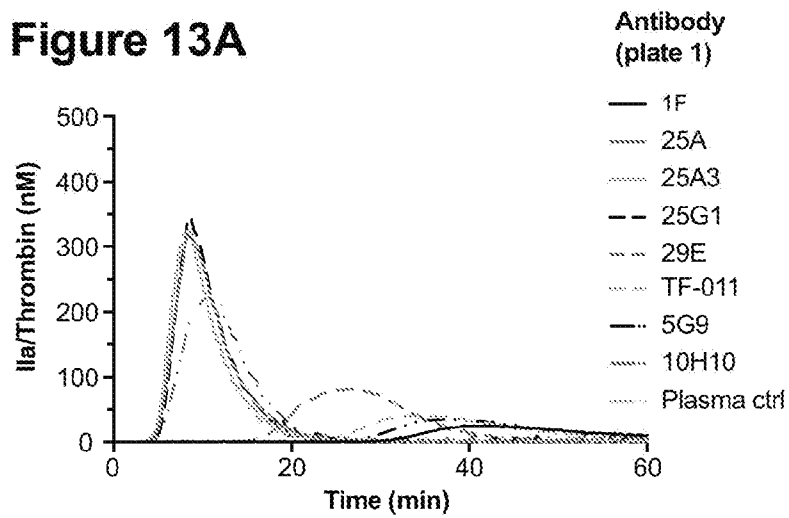
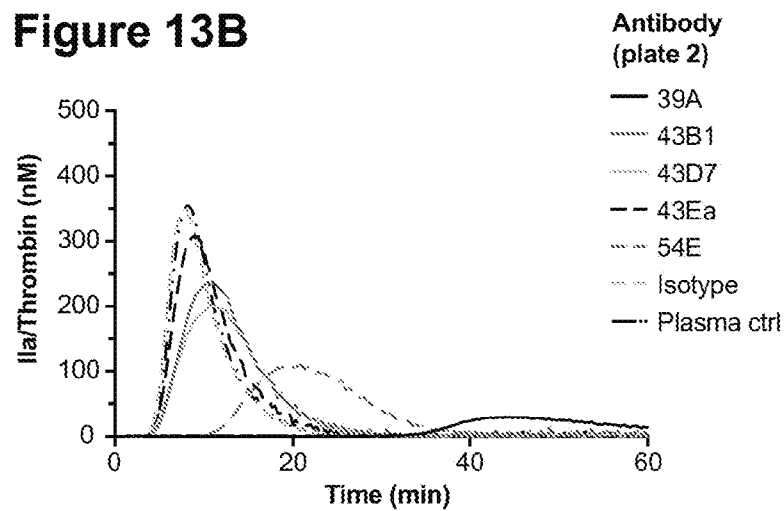
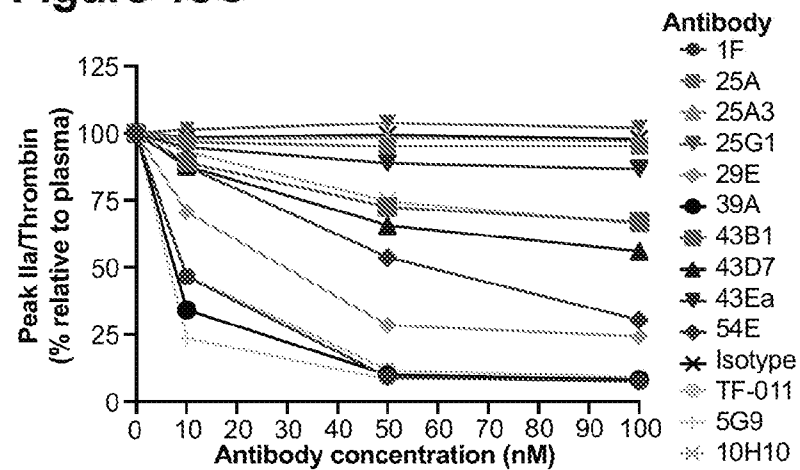
Figure 13A**Figure 13B****Figure 13C**

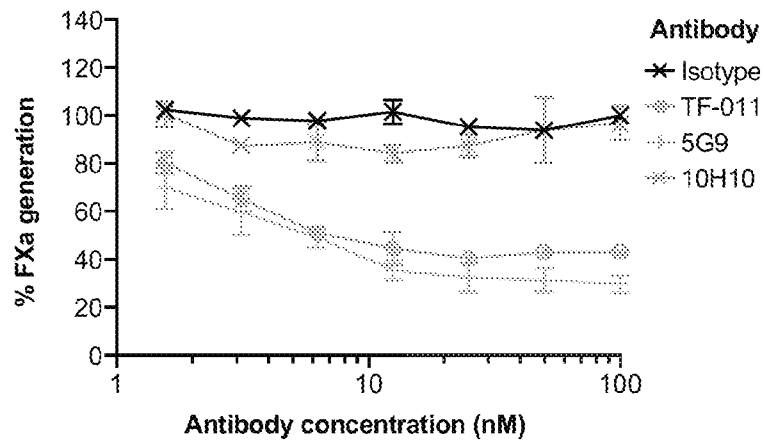
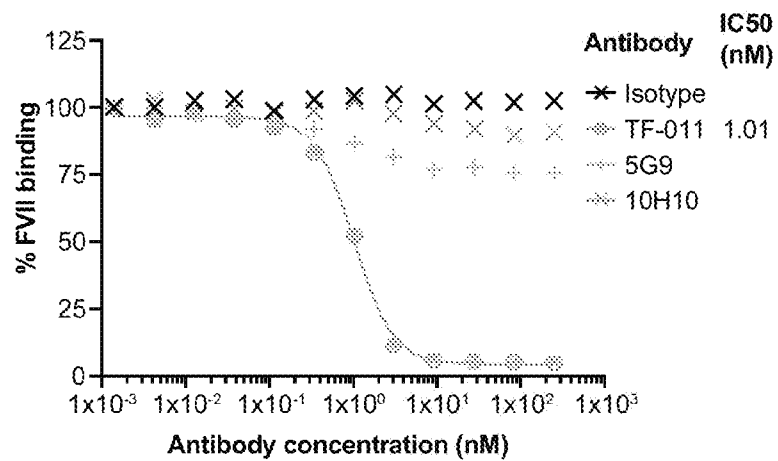
Figure 14A**Figure 14B**

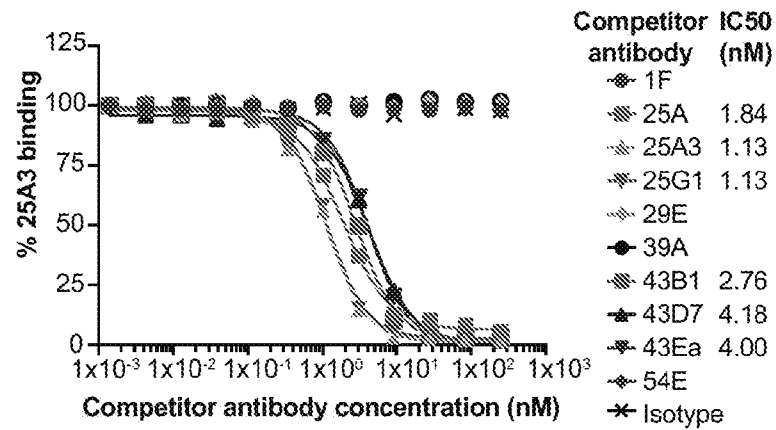
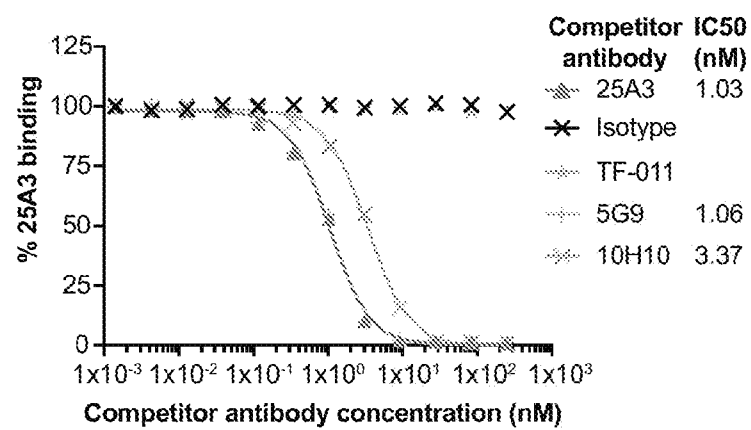
Figure 15A**Figure 15B**

Figure 16A

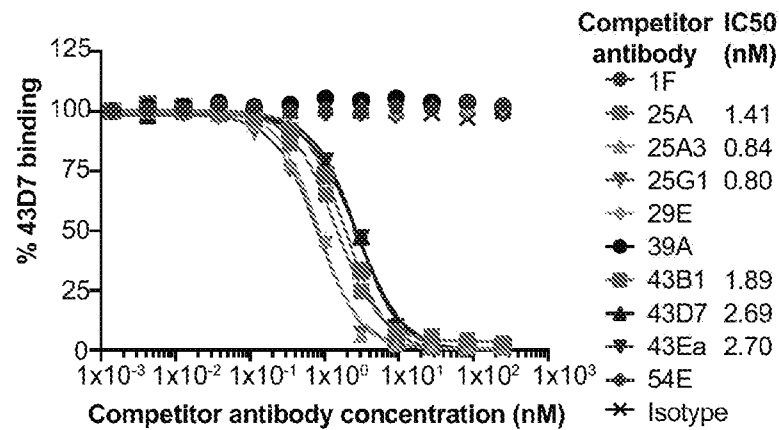


Figure 16B

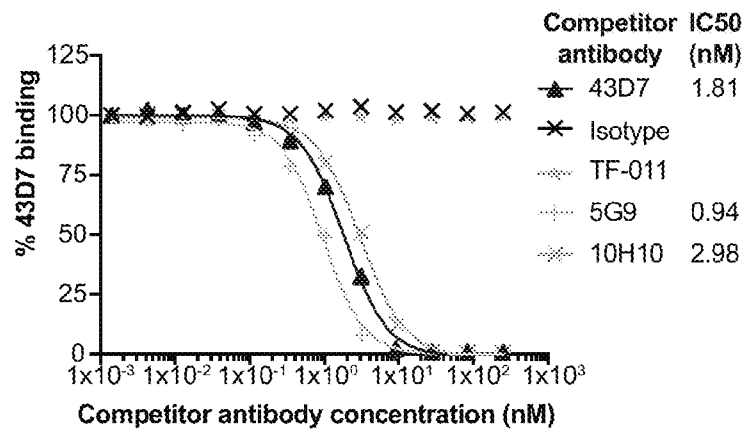


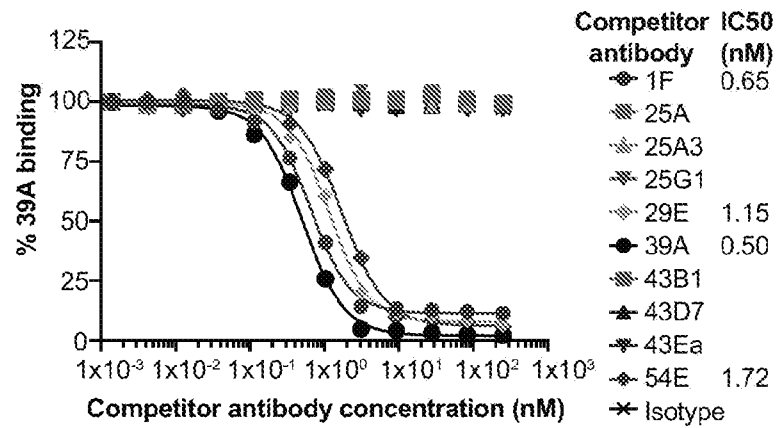
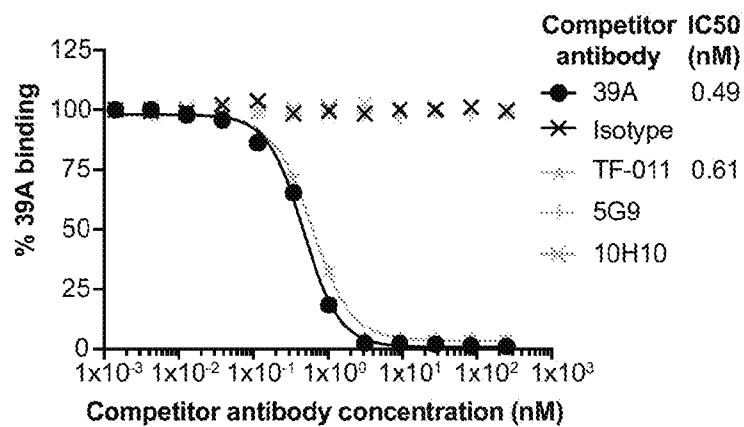
Figure 17A**Figure 17B**

Figure 18A

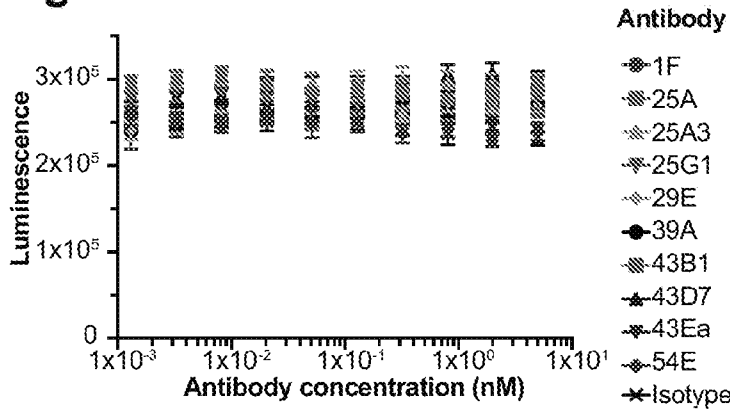


Figure 18B

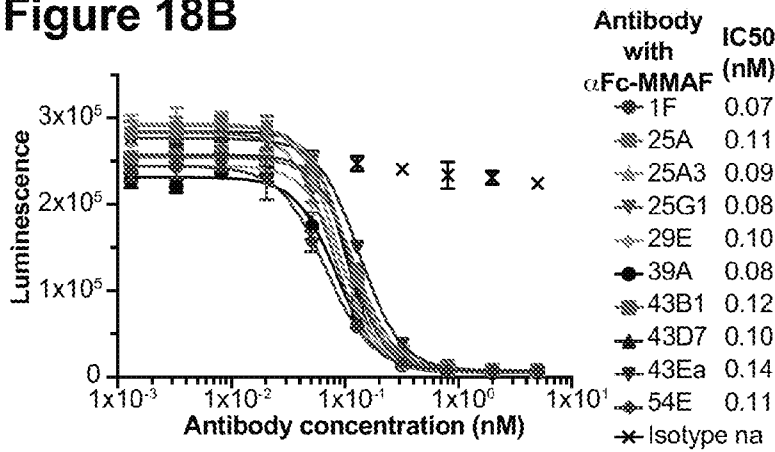


Figure 18C

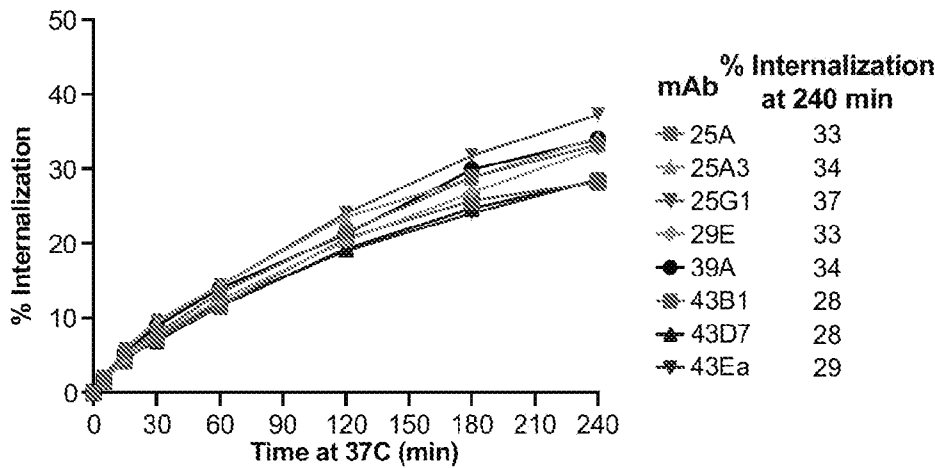


Figure 19A

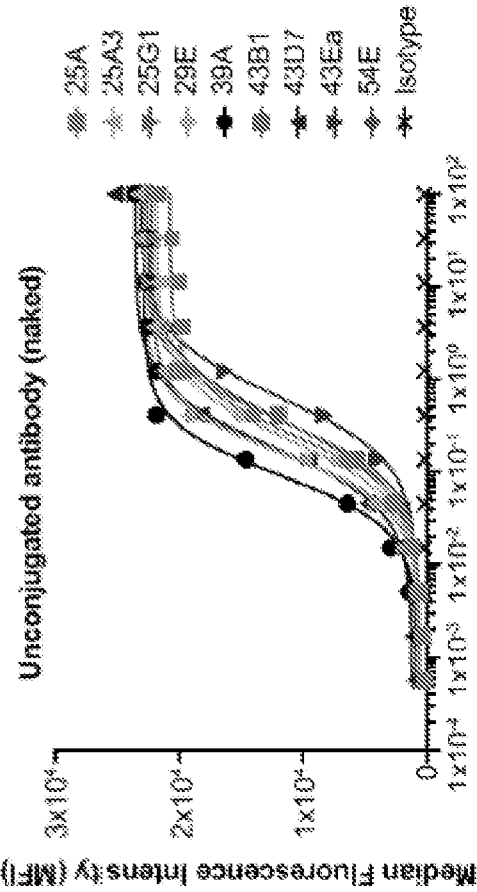


Figure 19B

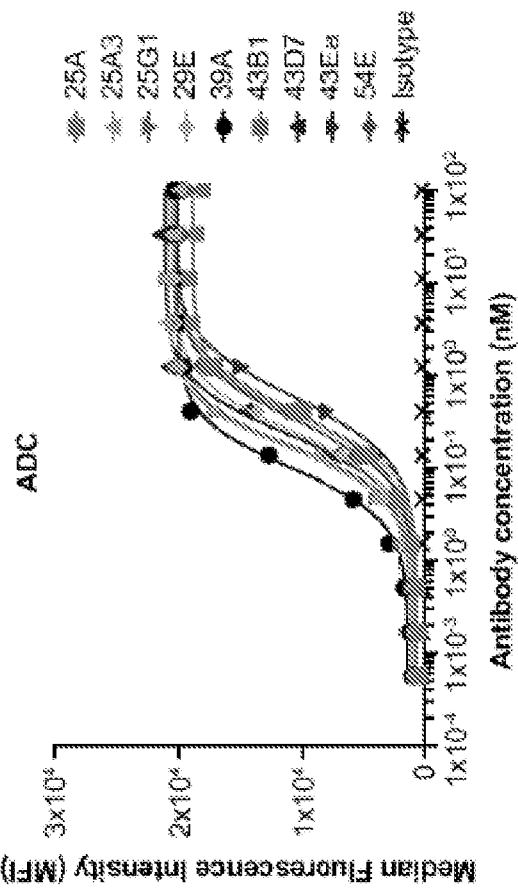
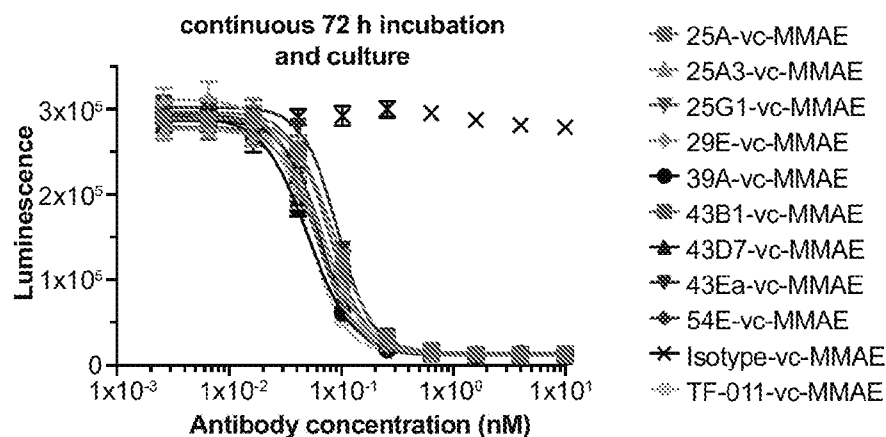
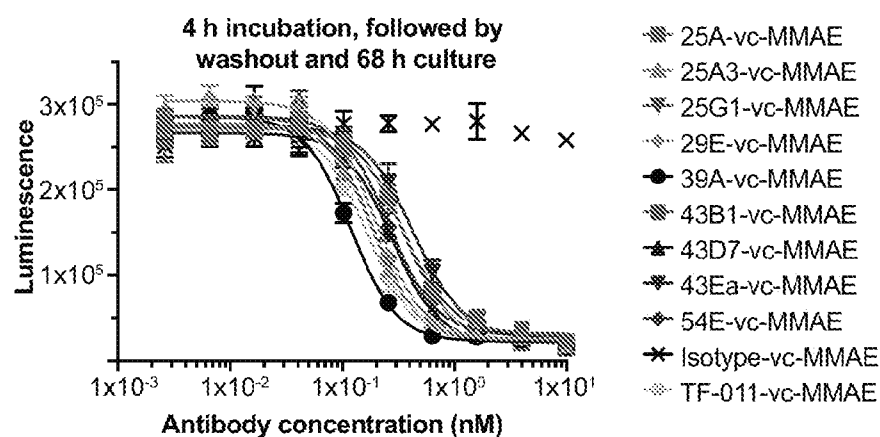
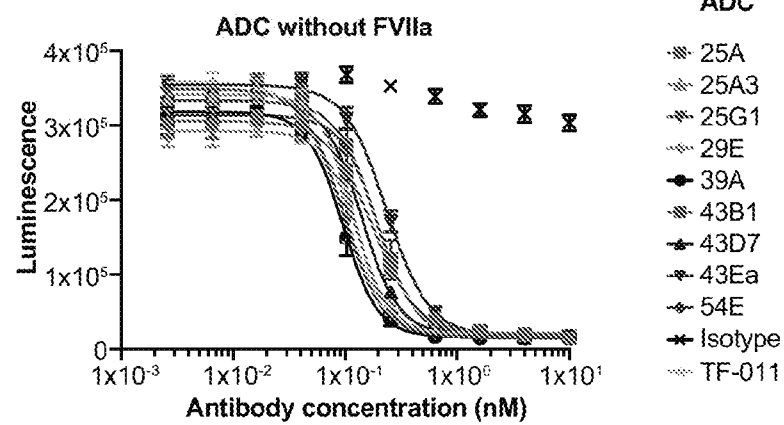
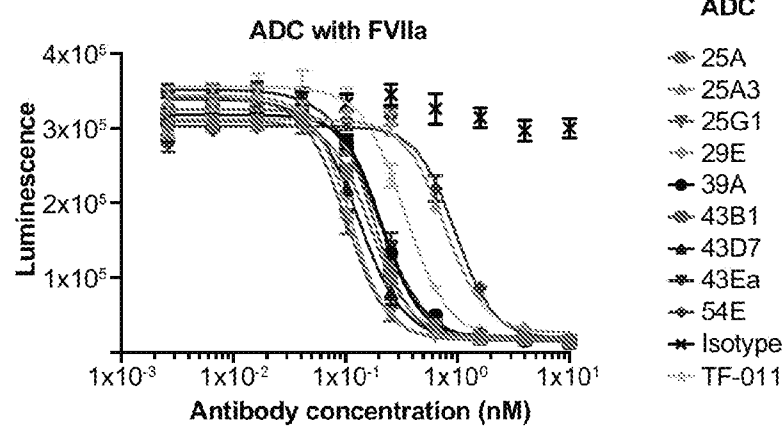


Figure 19C

Antibody	EC50 (nM)		95% CI	
	Naked	ADC	Naked	ADC
25A	0.25	0.34	0.21 to 0.29	0.29 to 0.41
25A3	0.16	0.17	0.13 to 0.19	0.14 to 0.19
25G1	0.16	0.17	0.14 to 0.18	0.13 to 0.21
29E	0.23	0.25	0.20 to 0.26	0.21 to 0.29
39A	0.09	0.10	0.08 to 0.11	0.09 to 0.11
43B1	0.36	0.40	0.31 to 0.42	0.35 to 0.47
43D7	0.19	0.23	0.15 to 0.23	0.19 to 0.27
43Ea	0.65	0.58	0.56 to 0.76	0.49 to 0.68
54E	0.36	0.33	0.31 to 0.42	0.27 to 0.39
Isotype	na	na	na	na

Figure 20A**Figure 20B****Figure 20C**

	IC50 (nM)	
	Cont.	Washout
25A-vc-MMAE	0.09	0.35
25A3-vc-MMAE	0.07	0.19
25G1-vc-MMAE	0.06	0.19
29E-vc-MMAE	0.06	0.20
39A-vc-MMAE	0.05	0.12
43B1-vc-MMAE	0.08	0.36
43D7-vc-MMAE	0.06	0.28
43Ea-vc-MMAE	0.09	0.43
54E-vc-MMAE	0.07	0.26
Isotype-vc-MMAE	na	na
TF-011-vc-MMAE	0.05	0.17

Figure 21A**Figure 21B****Figure 21C**

ADC	IC50 (nM)	
	Without FVIIa	With FVIIa
25A	0.18	0.17
25A3	0.12	0.11
25G1	0.10	0.10
29E	0.13	0.77
39A	0.09	0.22
43B1	0.19	0.19
43D7	0.14	0.13
43Ea	0.24	0.19
54E	0.20	0.97
Isotype	na	na
TF-011	0.09	0.34

Figure 22A

Cell line	Copy number	SEM (n)
A431	1.9×10^5	4.7×10^4 (8)
CHO	BLOQ	BLOQ (2)
HCT-116	2.2×10^4	6.5×10^3 (6)
HPAF-II	5.7×10^5	4.5×10^4 (8)
MDA-MB-231	3.2×10^5	2.7×10^4 (7)
RF/6A	7.3×10^4	1.7×10^4 (4)

Figure 22B

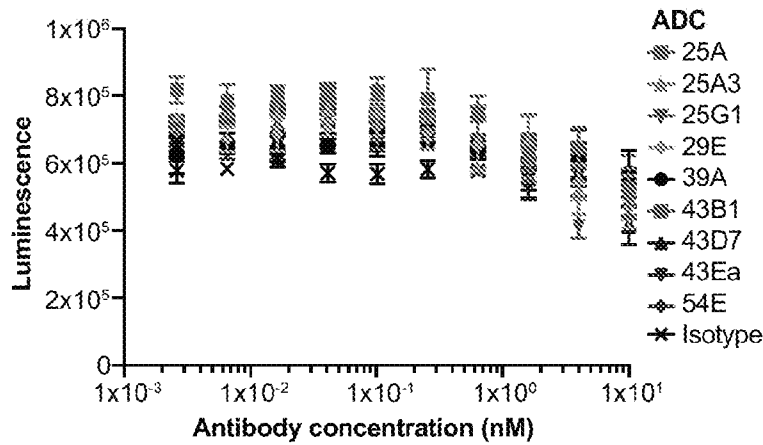


Figure 22C

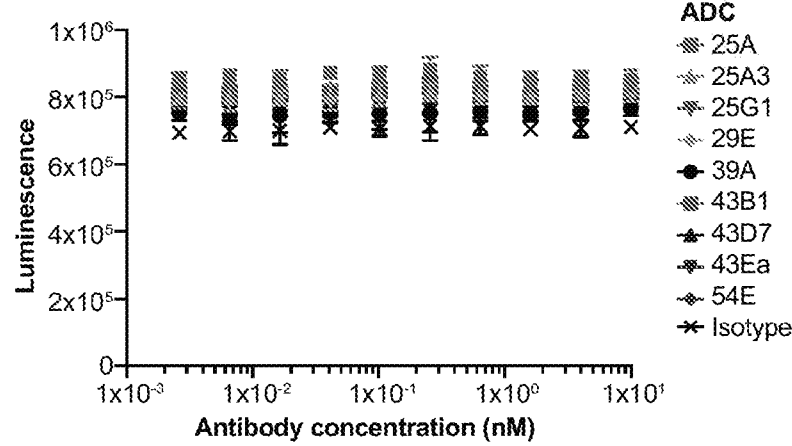


Figure 22D

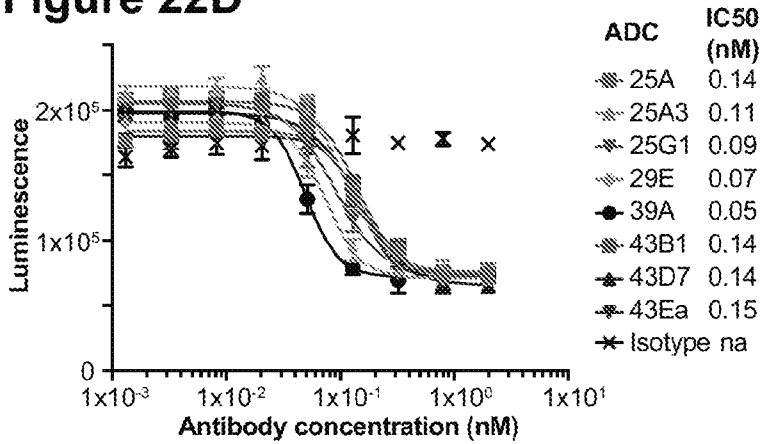


Figure 22E

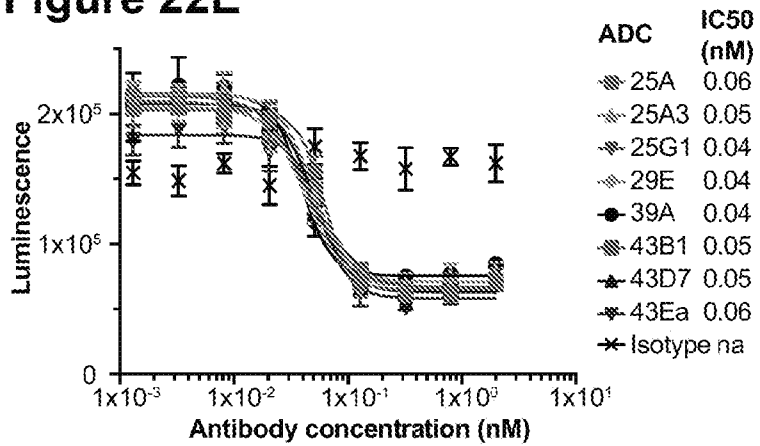


Figure 23A

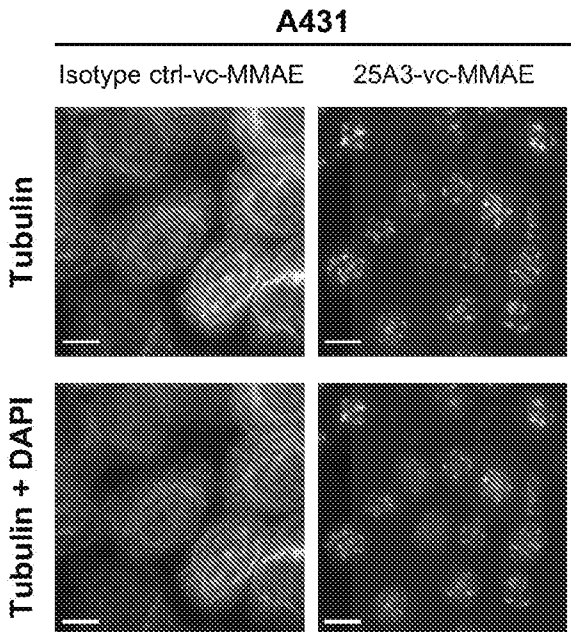


Figure 23B

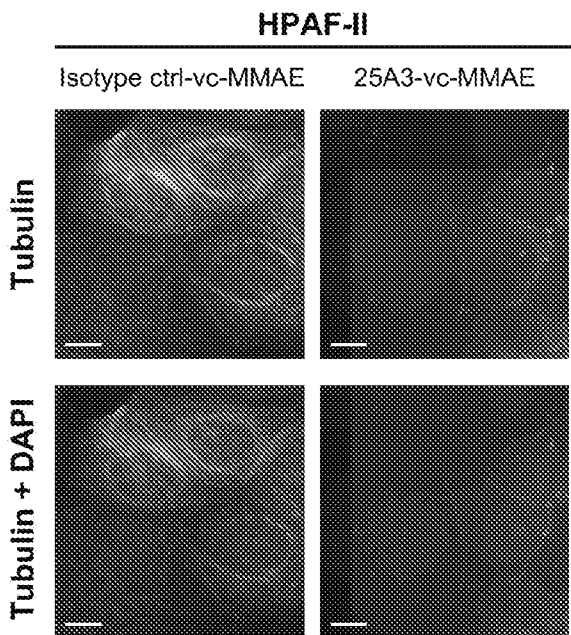


Figure 24A

Treatment	Donor number (#)	Copy #	SEM
no treatment	6	2.4×10^3	4.2×10^2
3 h of cytokines	5	8.7×10^3	7.7×10^2
6 h of cytokines	5	1.2×10^4	8.5×10^2
20 h of cytokines	2	4.6×10^3	2.9×10^2

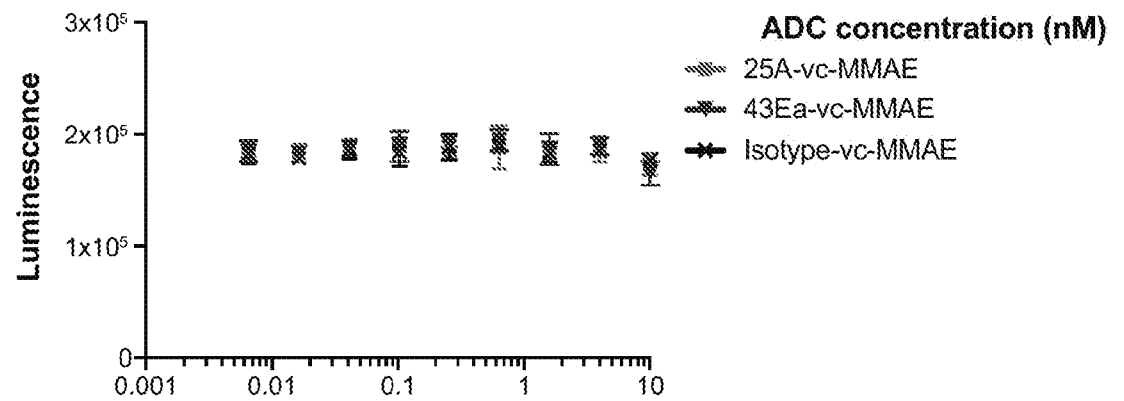
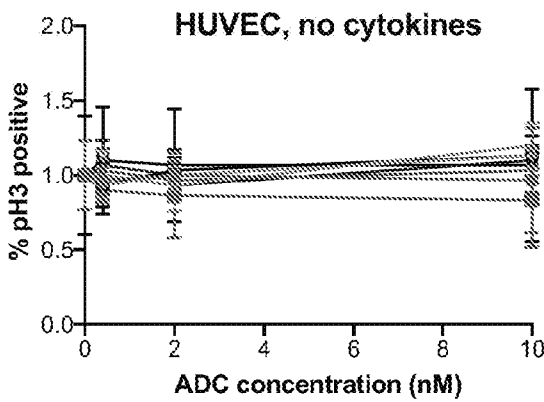
Figure 24B

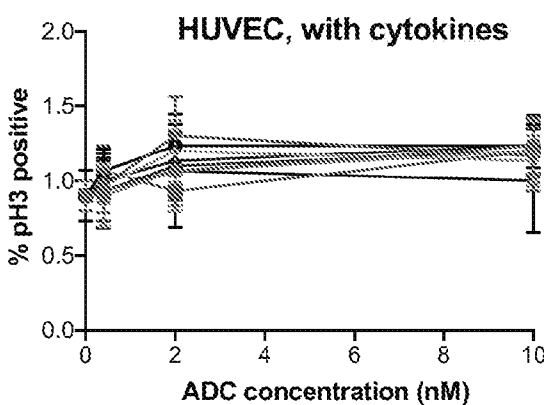
Figure 25A



ADC

- 25A-vc-MMAE
- 25A3-vc-MMAE
- 25G1-vc-MMAE
- 29E-vc-MMAE
- 39A-vc-MMAE
- 43B1-vc-MMAE
- 43D7-vc-MMAE
- 43Ea-vc-MMAE
- Isotype-vc-MMAE

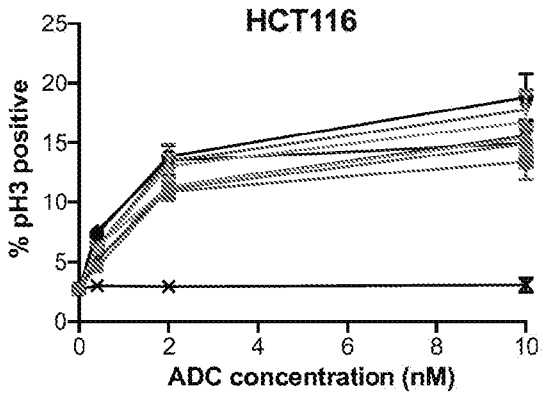
Figure 25B



ADC

- 25A-vc-MMAE
- 25A3-vc-MMAE
- 25G1-vc-MMAE
- 29E-vc-MMAE
- 39A-vc-MMAE
- 43B1-vc-MMAE
- 43D7-vc-MMAE
- 43Ea-vc-MMAE
- Isotype-vc-MMAE

Figure 25C



ADC

- 25A-vc-MMAE
- 25A3-vc-MMAE
- 25G1-vc-MMAE
- 29E-vc-MMAE
- 39A-vc-MMAE
- 43B1-vc-MMAE
- 43D7-vc-MMAE
- 43Ea-vc-MMAE
- Isotype-vc-MMAE

Figure 26A

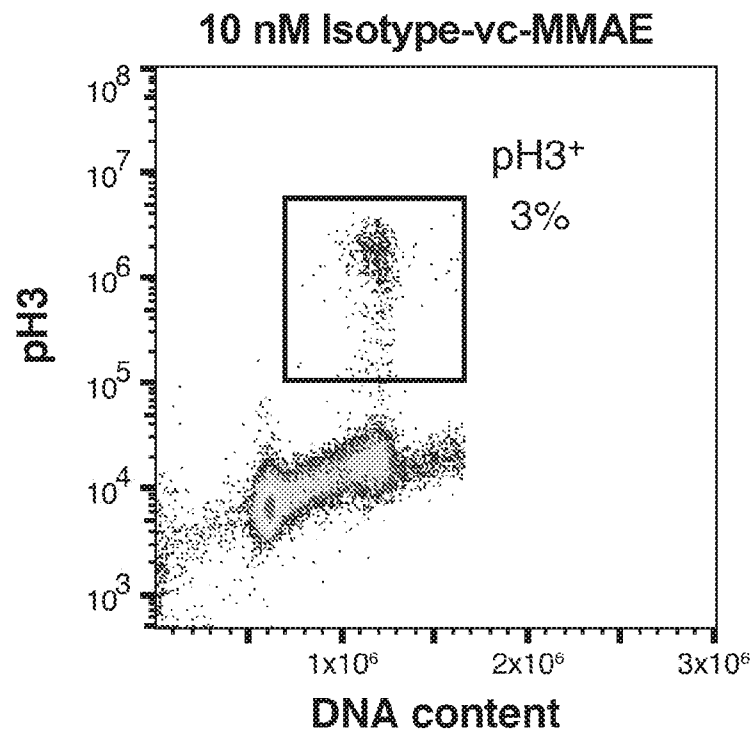


Figure 26B

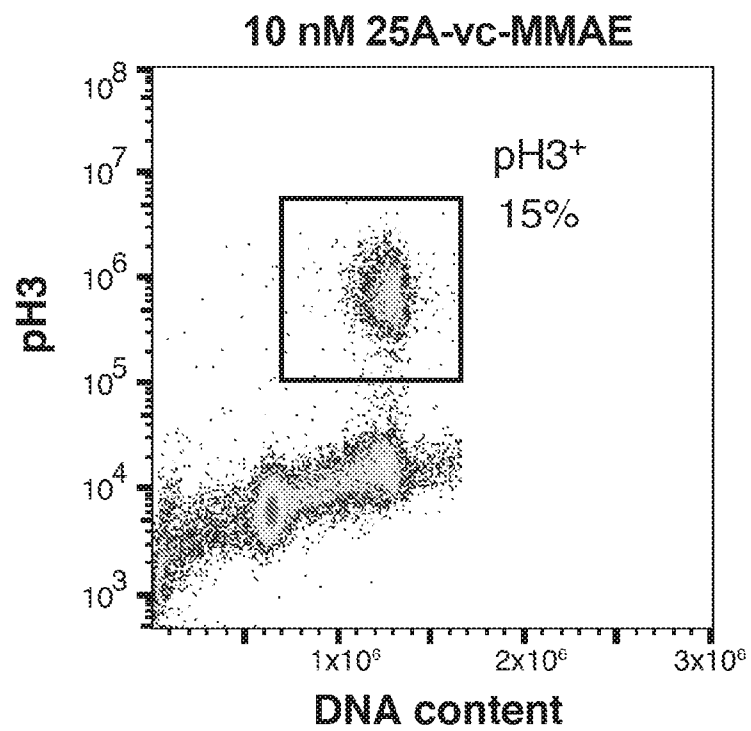


Figure 27A

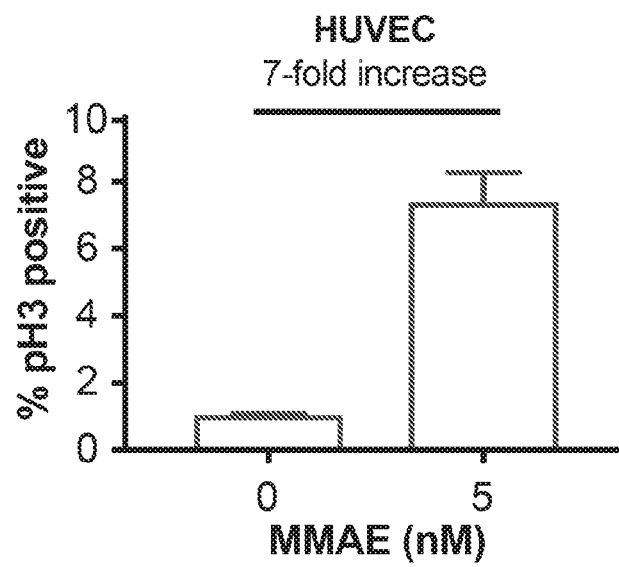


Figure 27B

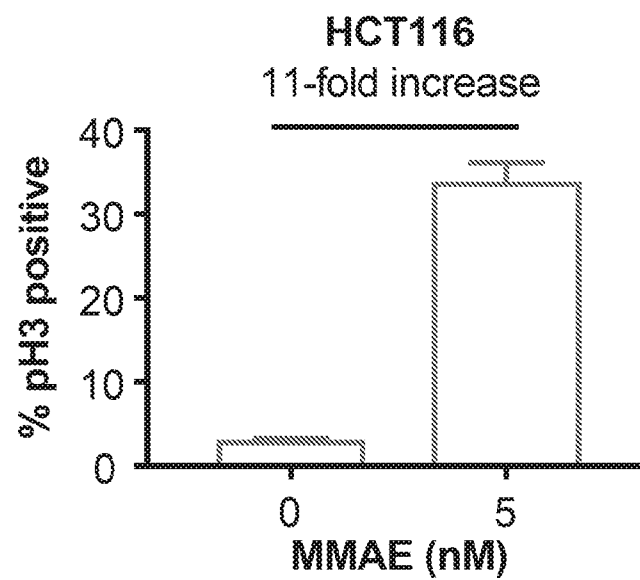


Figure 28

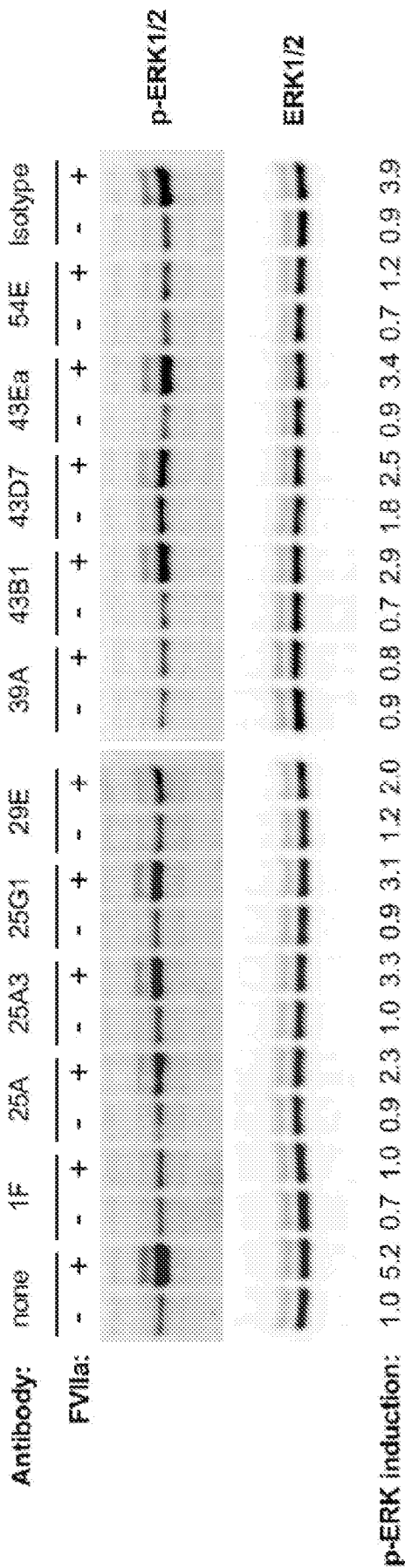


Figure 29A

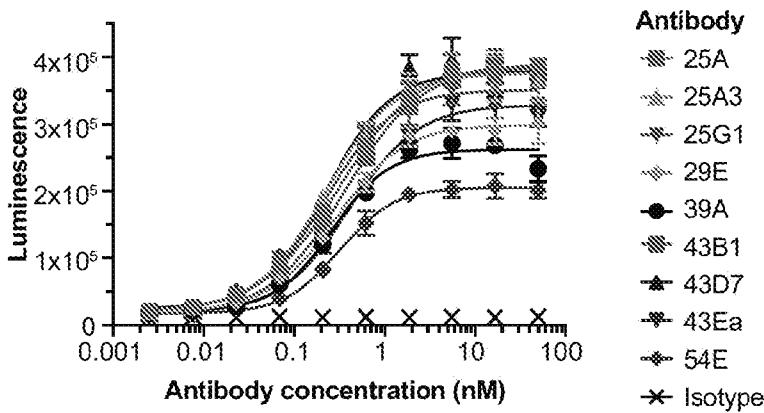


Figure 29B

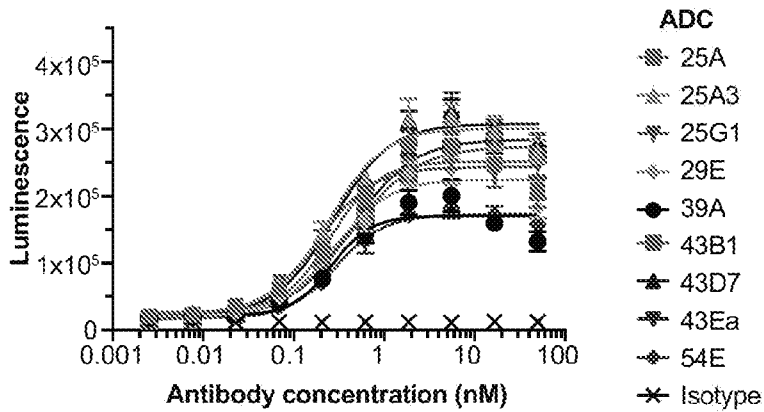


Figure 29C

Antibody	EC50 (nM)	
	Naked	ADC
25A	0.31	0.26
25A3	0.22	0.24
25G1	0.22	0.18
29E	0.29	0.28
39A	0.26	0.26
43B1	0.36	0.42
43D7	0.23	0.27
43Ea	0.40	0.43
54E	0.31	0.30
Isotype	na	na

Figure 30B

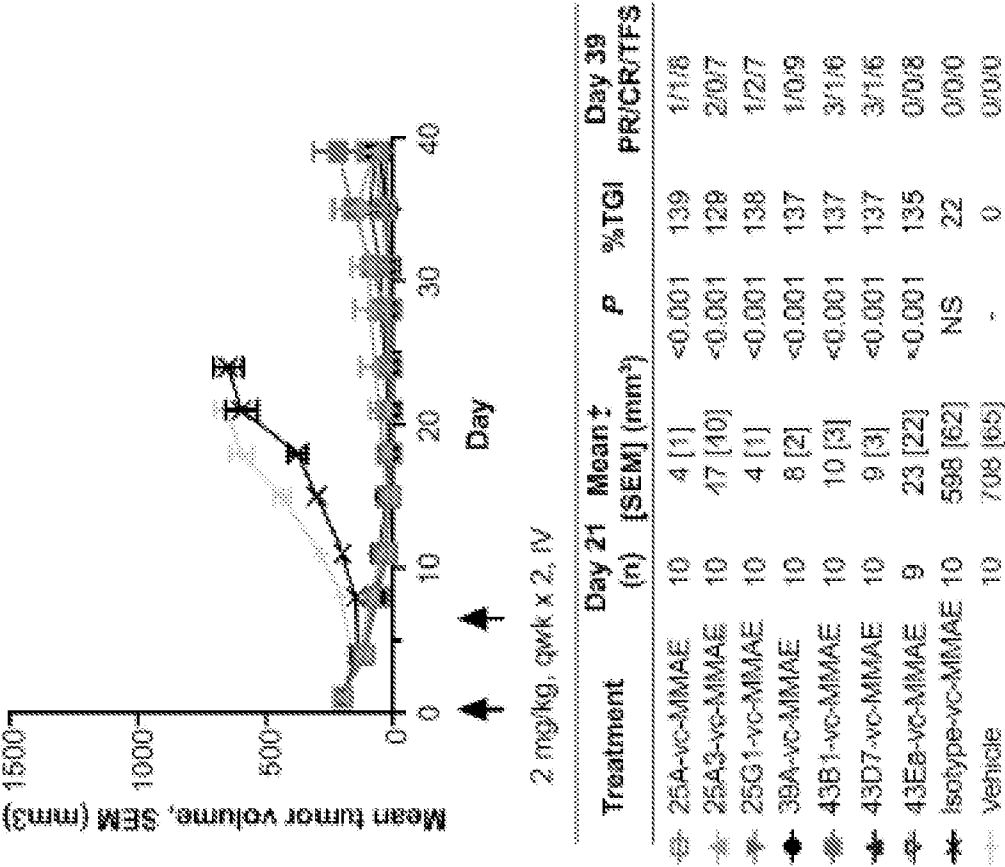


Figure 30A

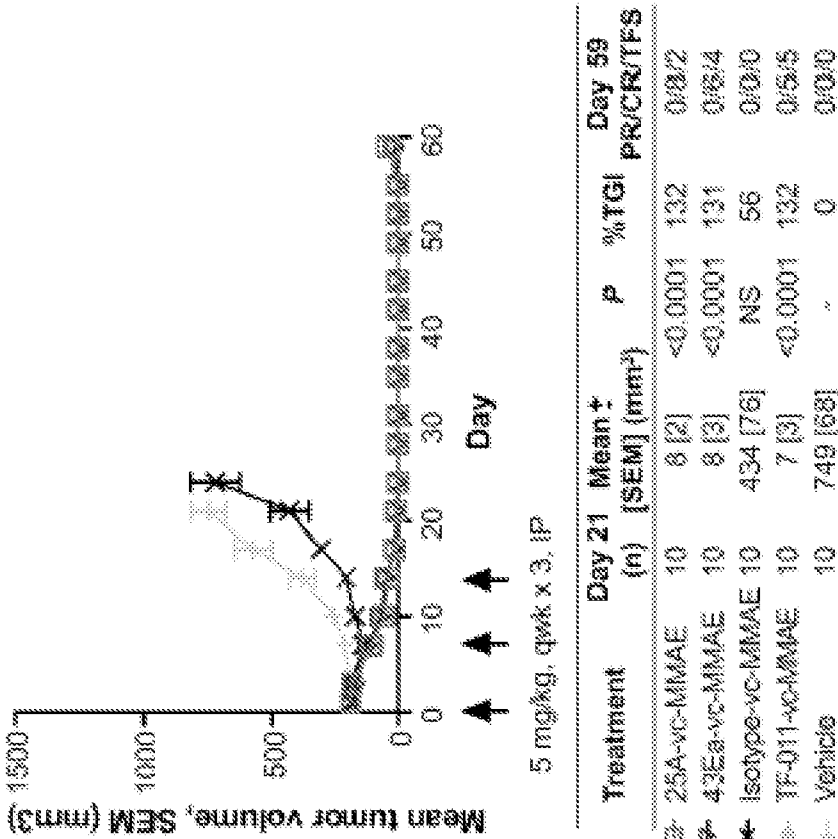
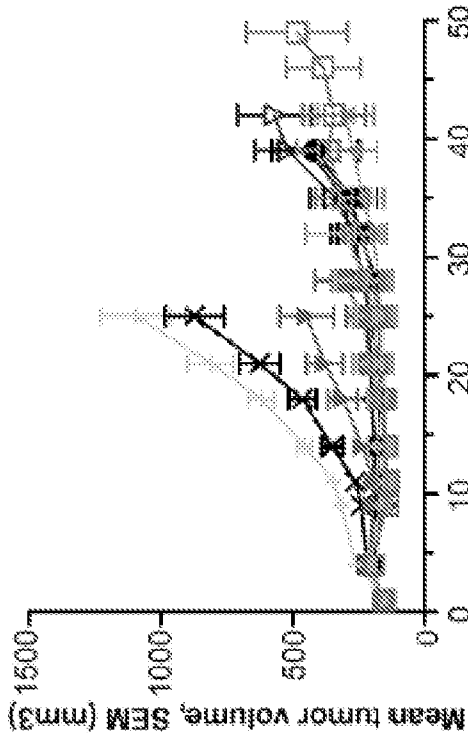


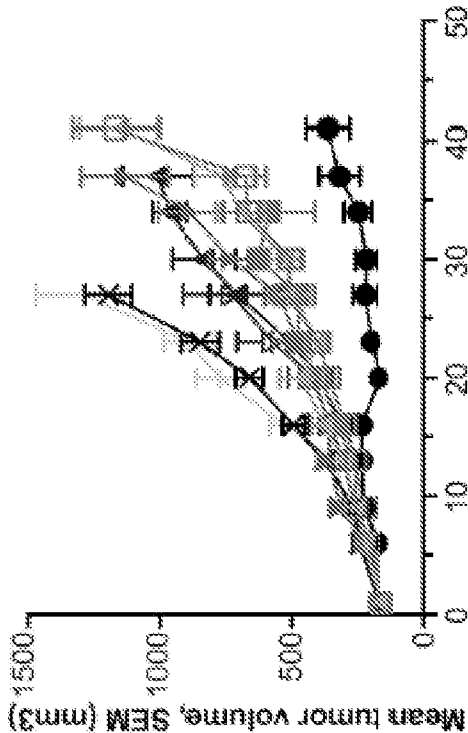
Figure 31A



4 mg/kg, qwk x 2, IV

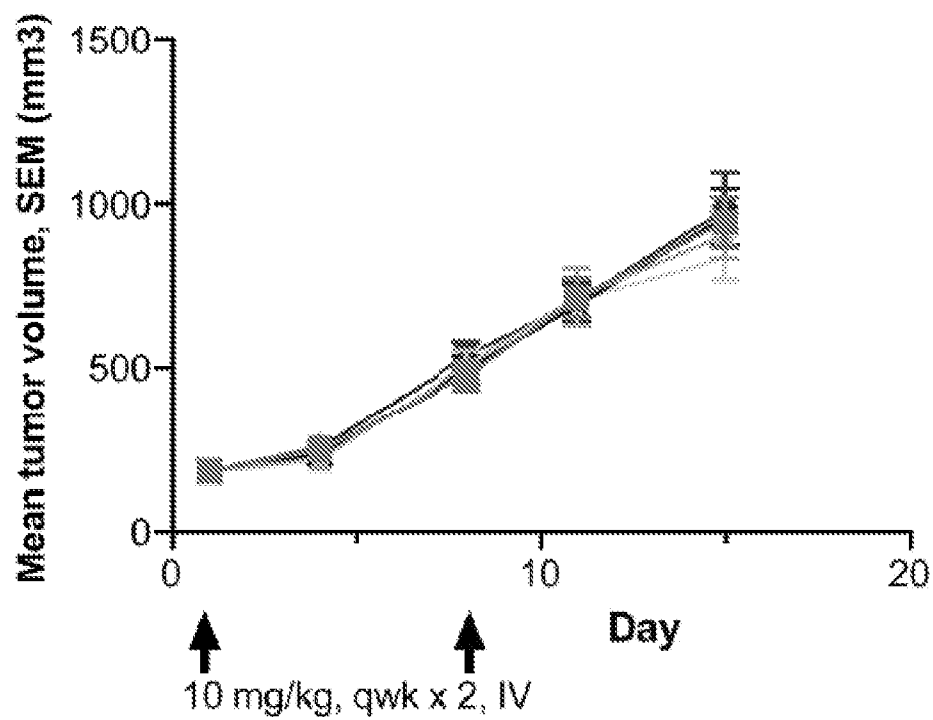
Treatment	Day 25 (n)	Mean t [SEM] (mm ³)	P	%TGI	Day 49 PR/CR/TFS
25A-vc-MMAE	10	174 [43]	<0.0001	98	3/0/1
25A3-vc-MMAE	10	153 [43]	<0.0001	100	1/1/1
25G1-vc-MMAE	10	449 [102]	<0.0001	69	1/1/1
29E-vc-MMAE	10	180 [78]	<0.0001	97	1/0/3
39A-vc-MMAE	10	160 [45]	<0.0001	99	0/4/1
43B1-vc-MMAE	10	232 [66]	<0.0001	92	1/0/0
43D7-vc-MMAE	10	217 [49]	<0.0001	93	0/0/1
43Ea-vc-MMAE	10	203 [56]	<0.0001	95	2/0/0
Isotype-vc-MMAE	10	873 [114]	NS	24	0/0/0
Vehicle	10	1098 [133]	-	0	0/0/0

Figure 31B



2 mg/kg, qwk x 2, IV

Treatment	Day 27 (n)	Mean t [SEM] (mm ³)	P	%TGI	Day 41 PR/CR/TFS
25A-vc-MMAE	7	517 [52]	<0.0001	67	0/0/0
25A3-vc-MMAE	7	495 [69]	<0.0001	68	0/0/0
25G1-vc-MMAE	7	550 [53]	<0.0001	63	0/0/0
39A-vc-MMAE	7	223 [46]	<0.0001	92	2/0/0
43B1-vc-MMAE	7	472 [58]	<0.0001	70	0/0/0
43D7-vc-MMAE	7	708 [104]	<0.01	49	0/0/0
43Ea-vc-MMAE	7	728 [188]	<0.05	48	0/0/0
Isotype-vc-MMAE	7	1197 [88]	NS	9	0/0/0
Vehicle	7	1292 [180]	-	0	0/0/0

Figure 32

Treatment	Day 15 (n)	Mean [±] [SEM] (mm ³)	P
25A	9	938 [78]	NS
25A3	8	898 [73]	NS
43Ea	9	976 [114]	NS
Isotype	9	954 [86]	NS
Vehicle	8	829 [67]	-

Figure 33A

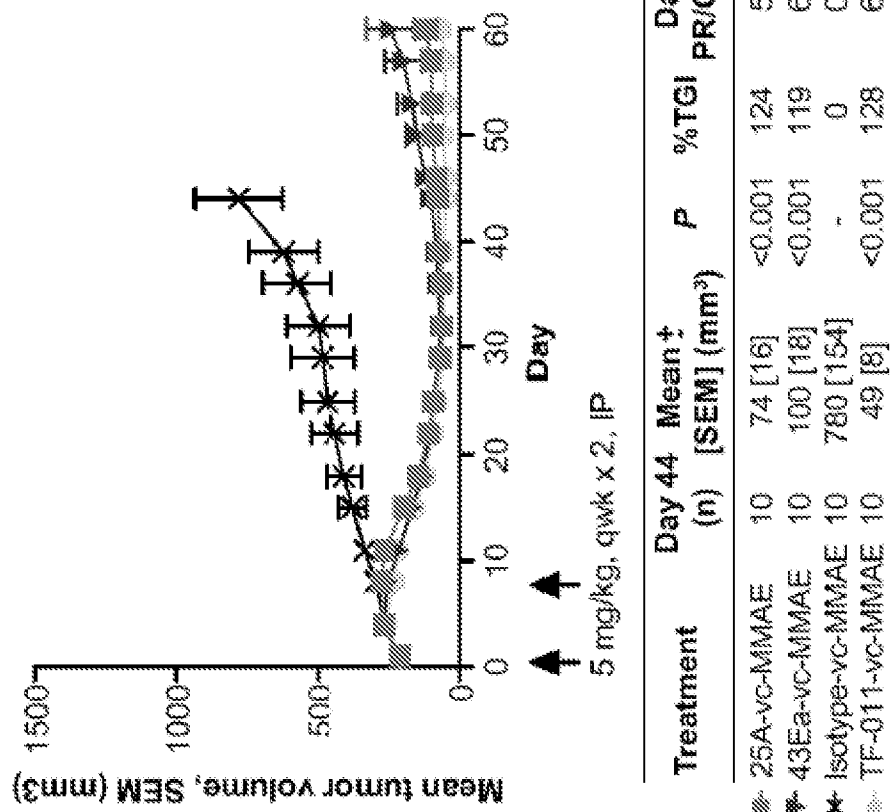


Figure 33B

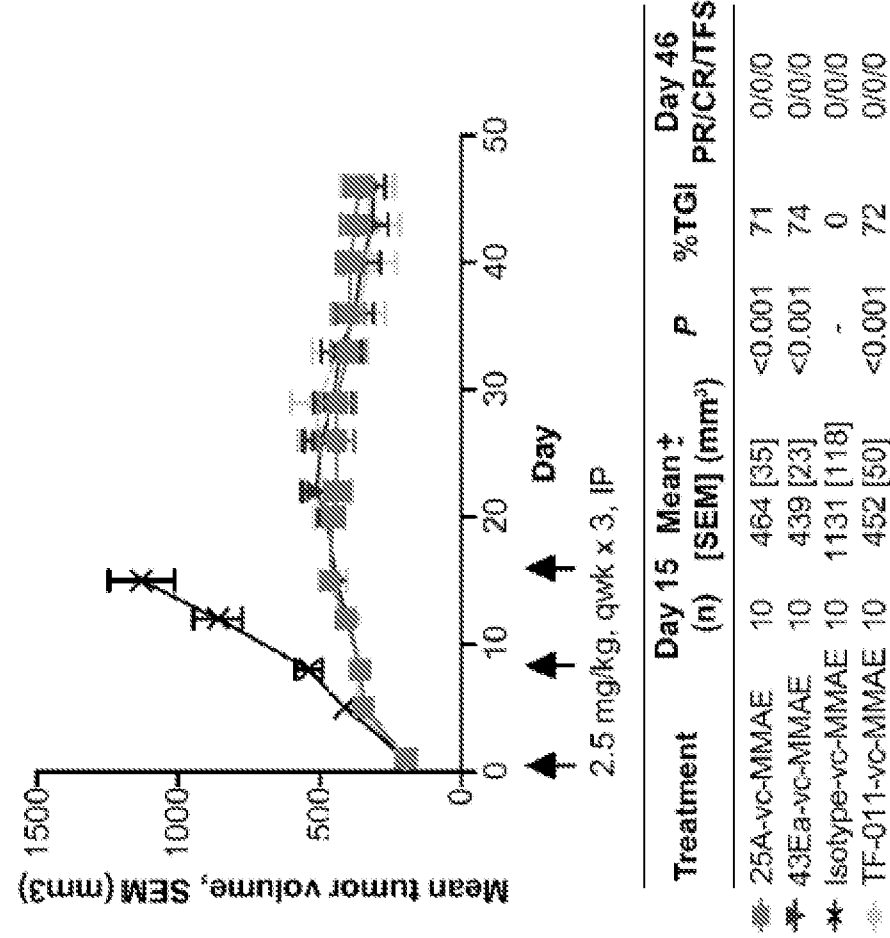
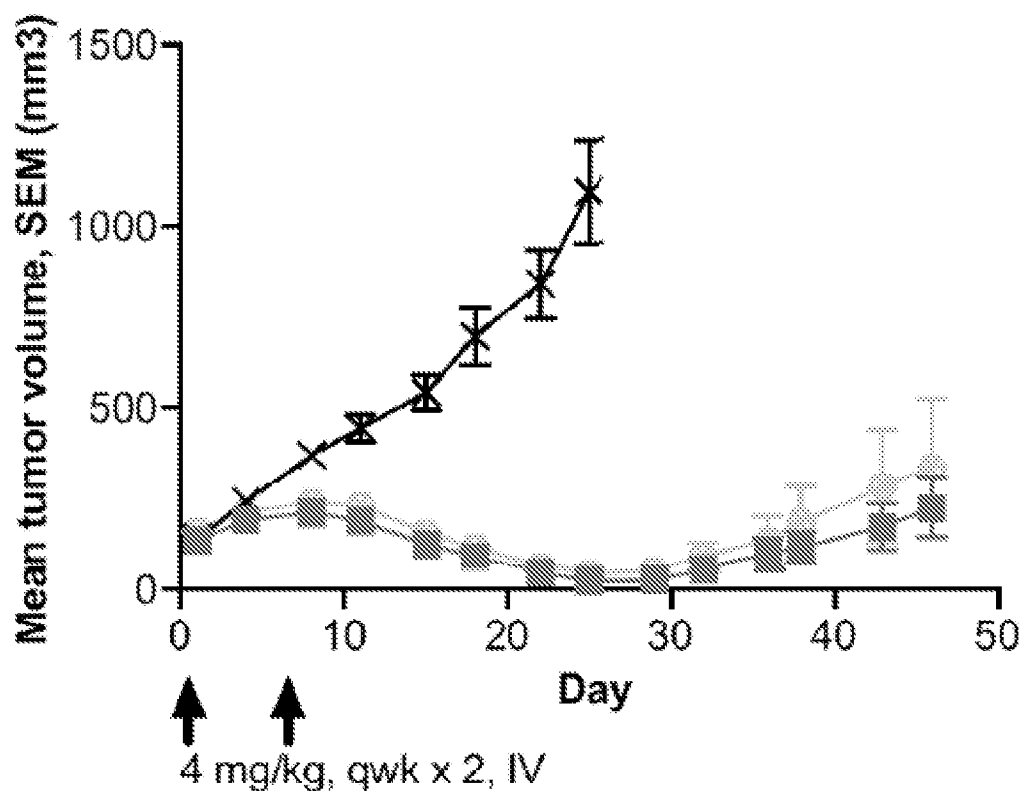


Figure 33C

Treatment	Day 25 (n)	Mean ± [SEM] (mm ³)	P	%TGI	Day 46 PR/CR/TFS
25A-vc-MMAE	9	24 [7]	<0.001	112	2/2/3
Isotype-vc-MMAE	9	1093 [143]	-	0	0/0/0
TF-011-vc-MMAE	9	46 [12]	<0.001	112	0/1/5

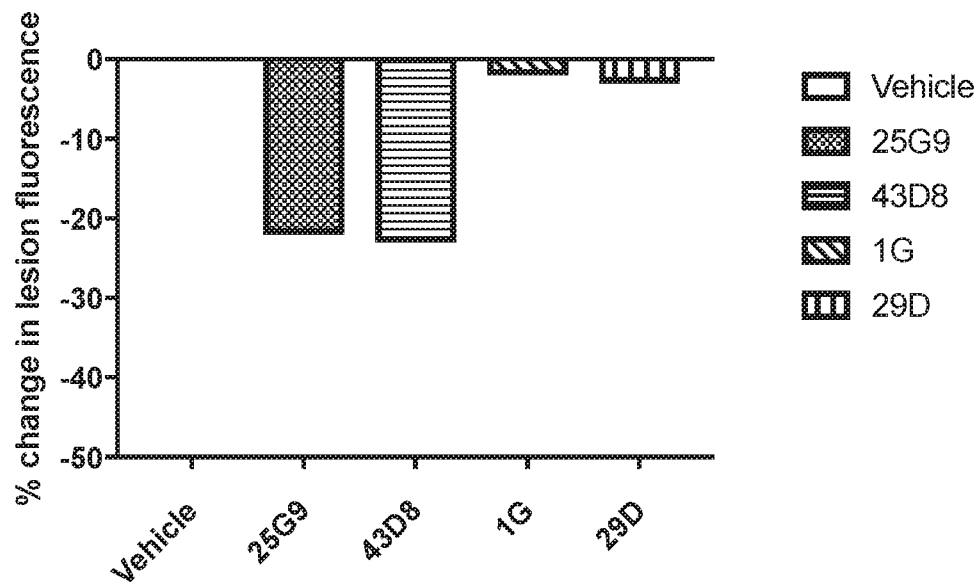
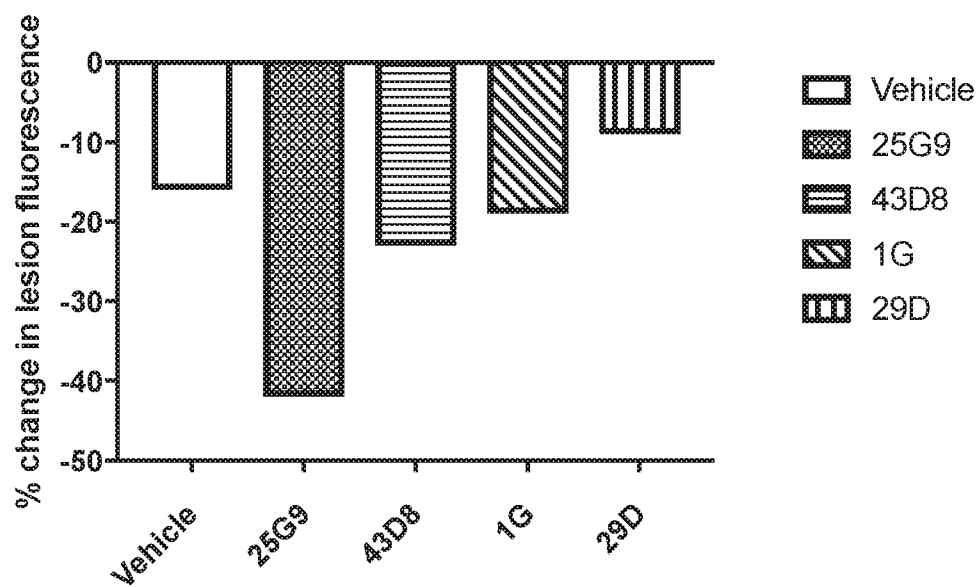
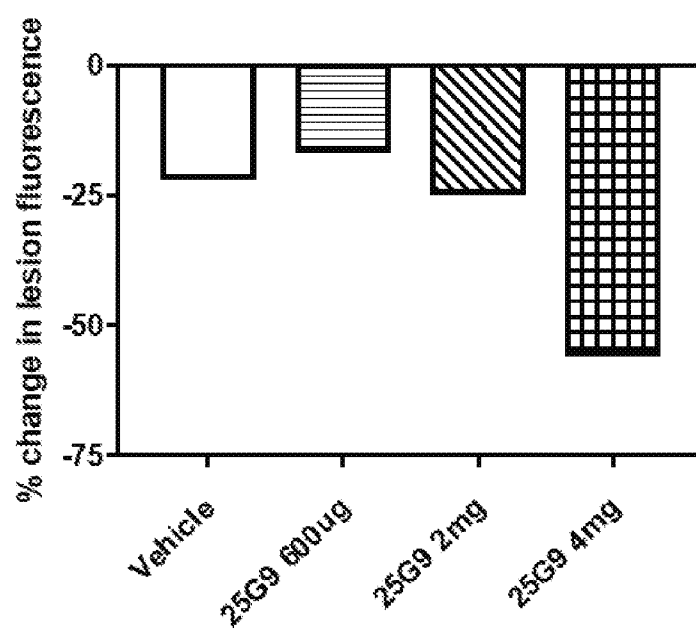
Figure 34A**Figure 34B**

Figure 35



[illegible]

Figure 39A

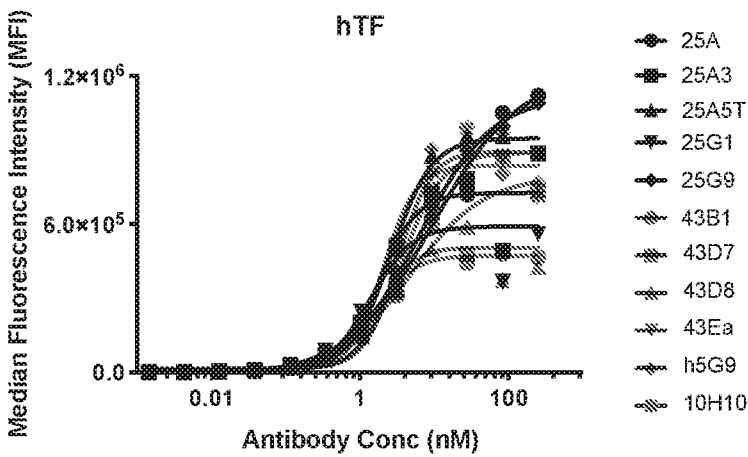


Figure 39B

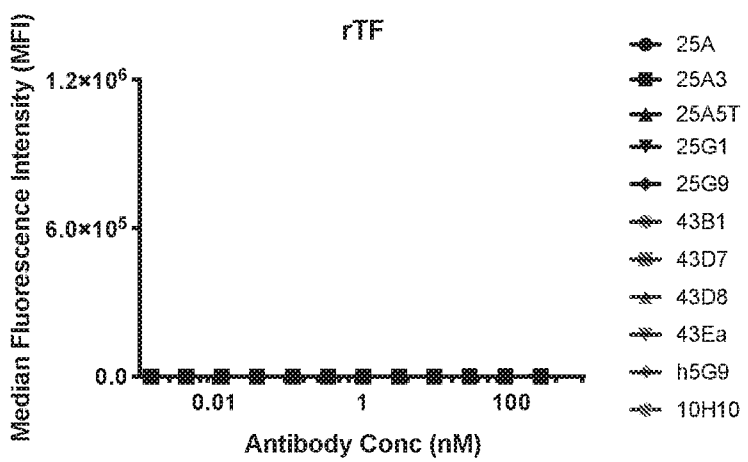


Figure 39C

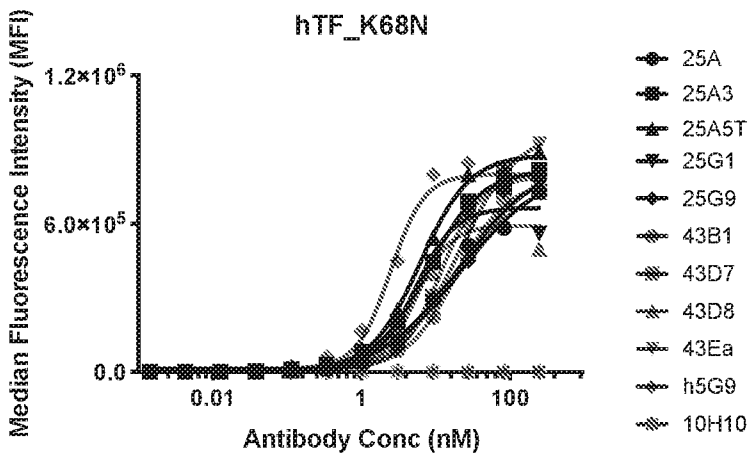


Figure 39D

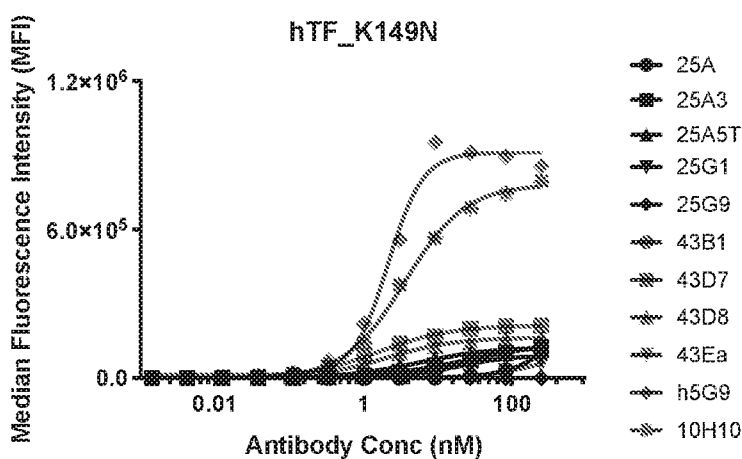


Figure 39E

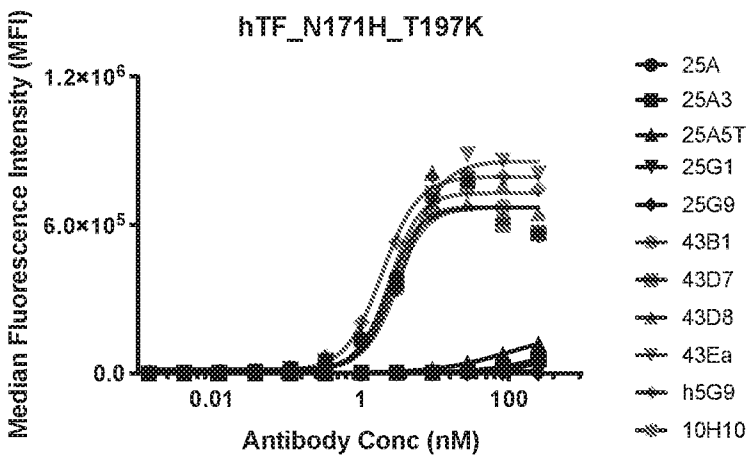


Figure 39F

