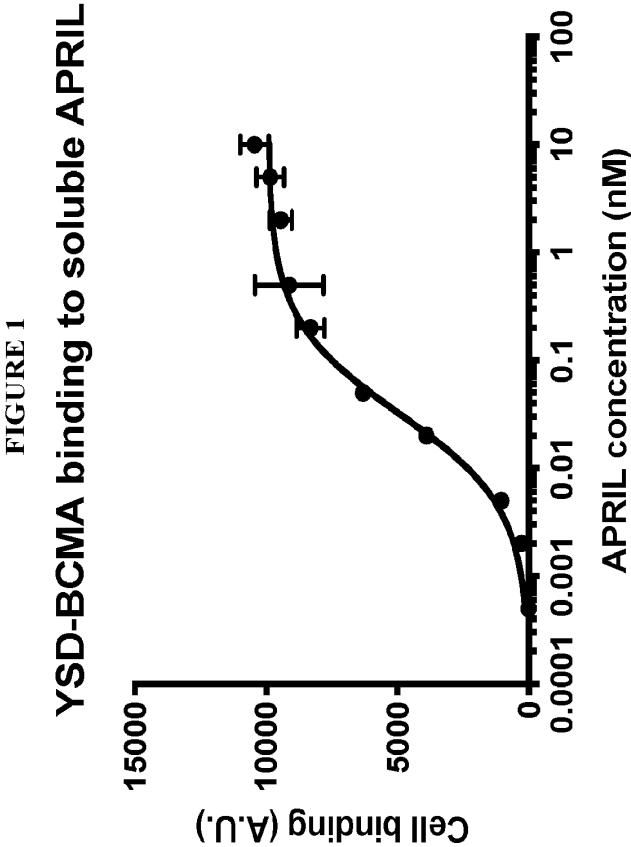




One site -- Specific binding	
Best-fit values	
Bmax	9932
Kd	0.03232

FIGURE 2

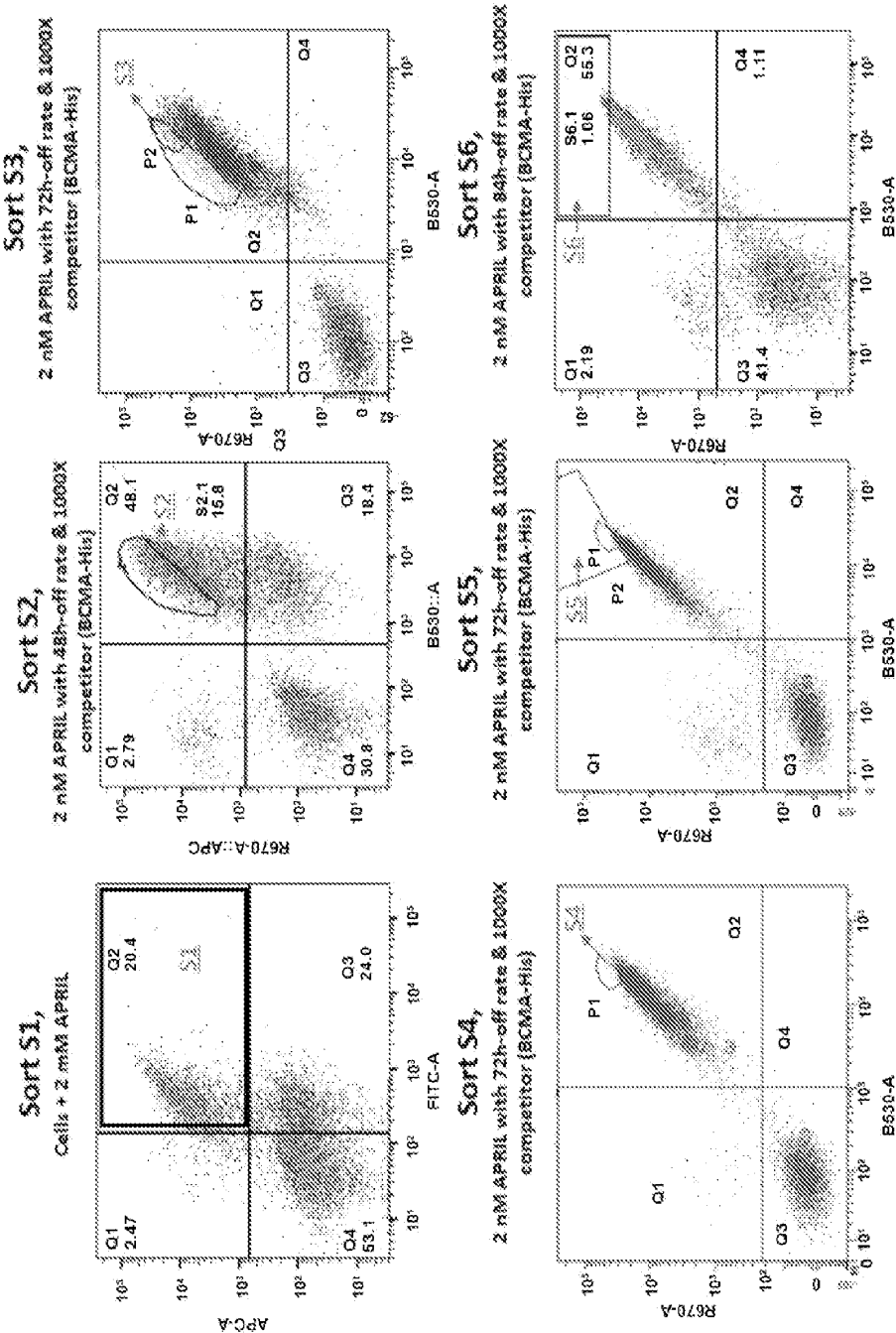


FIGURE 3A

Amino acid	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
WT-BCMA	M	L	Q	M	A	G	Q	C	S	Q	N	E	V	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	T	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 1	M	S	Q	M	A	G	Q	C	P	Q	N	K	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	D	T	P	P	L	A	C	Q	R	Y	C	S	A	S	V	T	N	S	V	K	G	T	S	A	G	S
Clone # 2	V	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	P	P	L	A	C	Q	R	Y	C	N	A	S	V	I	N	S	V	K	G	T	D	V	G	S	
Clone # 3	M	L	R	M	A	G	Q	C	S	Q	N	E	Y	F	D	N	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	T	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 4	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	L	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	A	T	D	S	V	K	G	T	N	A	G	S
Clone # 5	T	L	Q	V	A	G	Q	C	F	Q	N	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	A	P	P	L	T	C	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S	
Clone # 6	A	L	Q	M	A	G	Q	C	A	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	T	C	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	E	S	
Clone # 7	M	L	Q	M	A	E	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	R	L	R	C	S	S	N	T	P	P	L	T	C	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S	
Clone # 8	V	L	Q	I	A	E	Q	C	P	Q	D	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	T	C	Q	R	Y	C	N	A	S	V	T	N	S	M	K	G	M	N	V	G	S
Clone # 9	M	L	Q	M	A	G	Q	C	S	Q	D	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	S	T	P	P	L	T	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 10	M	L	Q	M	A	G	Q	C	S	Q	D	E	Y	F	D	S	L	L	V	A	C	M	P	C	Q	L	R	C	S	S	N	P	P	L	T	C	Q	R	Y	C	N	A	S	V	T	S	S	V	K	G	T	S	A	G	S	
Clone # 11	M	L	Q	M	A	E	R	C	S	Q	N	E	Y	F	D	S	L	L	V	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	T	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 12	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	V	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	T	C	Q	R	Y	C	D	A	S	V	T	N	P	V	K	G	A	N	A	G	S

FIGURE 3B

Amino acid	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41																		
WT BOMA	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	N	T	P	P	L	I	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S				
Clone #	13	V	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	D	I	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S		
Clone #	14	V	L	Q	M	T	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	L	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S		
Clone #	15	T	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	D	A	P	P	L	A	C	R	R	Y	C	N	A	D	V	T	N	S	A	E	G	T	N	A	G	S		
Clone #	16	V	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	R	R	Y	C	N	V	S	V	T	N	S	V	K	G	T	N	A	G	S		
Clone #	17	V	S	Q	M	A	G	Q	C	P	H	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	R	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S		
Clone #	18	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	R	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S		
Clone #	19	T	S	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	P	A	C	R	R	Y	C	N	A	S	V	A	N	S	V	R	G	T	N	A	G	S		
Clone #	20	M	L	Q	M	T	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	V	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	R	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S		
Clone #	21	T	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	G	L	L	H	A	C	V	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	G	V	A	N	S	A	K	G	T	N	A	G	S		
Clone #	22	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S		
Clone #	23	I	L	Q	M	A	G	Q	C	S	Q	D	E	Y	F	D	G	L	L	H	A	C	M	P	C	Q	L	R	C	A	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	G	V	T	N	S	V	R	G	T	N	A	G	S	
Clone #	24	C	R	E	A	G	Q	C	S	Q	D	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	P	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	R	S			
Clone #	25	I	L	Q	M	A	G	Q	C	S	Q	D	E	Y	F	D	G	L	L	H	A	C	M	P	C	Q	L	R	C	A	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	G	V	T	N	S	V	R	G	T	N	A	G	S	
Clone #	26	M	L	Q	M	A	G	Q	C	S	Q	D	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	D	I	P	P	L	A	C	Q	R	Y	C	N	A	N	V	T	D	S	V	K	G	T	N	A	G	S		
Clone #	27	R	C	R	*	A	G	Q	C	S	Q	D	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	S	A	S	A	T	N	S	V	K	G	T	N	A	G	S		
Clone #	28	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	G	V	T	N	S	V	K	G	T	N	A	G	S		
Clone #	29	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	A	K	G	T	N	A	G	S		
Clone #	30	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	T	P	P	L	A	C	Q	R	Y	C	N	A	S	A	T	N	S	V	K	G	T	N	A	G	S			
Clone #	31	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S			
Clone #	32	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	P	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	A	N	A	G	S		
Clone #	33	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	D	I	P	P	L	T	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	M	N	A	G	S		
Clone #	34	V	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	T	C	Q	R	Y	C	N	A	S	M	T	N	S	V	K	G	T	N	A	G	S		
Clone #	35	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	T	C	Q	R	Y	C	N	A	S	V	T	D	S	V	K	G	T	N	A	G	S		
Clone #	36	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	T	C	Q	R	Y	C	N	A	S	V	T	N	S	V	T	G	T	N	A	G	S		
Clone #	37	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	T	C	Q	R	Y	C	N	A	N	V	T	N	S	V	R	G	T	N	A	G	S		
Clone #	38	M	L	Q	M	A	G	Q	C	S	Q	D	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	T	C	Q	R	Y	C	N	A	S	V	T	N	T	V	K	G	T	N	A	G	S		
Clone #	39	M	L	Q	M	A	G	Q	C	P	Q	D	E	Y	F	D	R	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	A	P	P	L	T	C	R	R	Y	C	N	A	G	V	I	N	S	V	K	G	A	D	T	N	A	G	S
Clone #	40	M	L	Q	M	A	G	Q	C	S	Q	D	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	T	C	Q	R	Y	C	N	A	R	V	T	N	S	V	K	G	T	N	A	G	S		
Clone #	41	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	L	A	C	I	P	C	Q	L	R	C	S	S	N	A	P	P	L	T	C	Q	R	Y	C	N	A	G	V	T	N	S	V	K	E	A	N	A	G	S		

FIGURE 3C

Amino acid	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56
WT:ECMA	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 42	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	N	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 43	V	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	H	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 44	V	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 45	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 46	V	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	G	V	T	D	S	V	K	G	T	N	A	G	S
Clone # 47	V	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 48	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	A	K	G	T	N	A	G	S
Clone # 49	M	L	P	M	A	G	Q	C	P	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	H	Y	C	N	A	S	V	T	R	S	V	E	G	T	N	A	G	S
Clone # 50	V	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 51	T	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 52	V	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	N	L	L	H	A	C	M	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 53	T	L	Q	M	A	G	Q	C	S	Q	D	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	A	T	N	S	V	K	G	T	N	A	G	S
Clone # 54	T	L	Q	M	A	G	Q	C	S	Q	D	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	A	T	N	S	V	K	G	T	N	A	G	S
Clone # 55	M	L	Q	M	A	G	Q	C	S	Q	D	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 56	M	L	Q	M	A	G	Q	C	S	Q	D	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 57	V	L	Q	M	A	G	Q	C	P	P	N	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	V	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 58	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	A	K	G	T	N	A	G	S
Clone # 59	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	T	G	M	T	N	S	V	K	G	T	N	A	G	S
Clone # 60	M	L	Q	V	A	G	Q	C	P	Q	N	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S	
Clone # 61	M	L	Q	M	A	G	Q	C	P	Q	S	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S	
Clone # 62	M	L	Q	M	A	G	Q	C	S	Q	D	K	Y	F	D	R	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	M	N	A	G	S
Clone # 63	M	L	Q	V	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	T	S	A	T	N	P	V	K	G	T	N	A	G	S
Clone # 64	M	L	Q	M	A	G	Q	C	P	Q	D	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 65	T	L	Q	M	T	G	Q	C	P	Q	N	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	D	T	P	P	L	T	Q	R	Y	C	N	A	S	V	T	N	S	M	K	G	T	N	A	G	S	
Clone # 66	M	S	Q	M	A	G	Q	C	P	Q	N	E	Y	F	D	G	L	L	H	T	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	T	C	R	Y	C	N	A	S	V	A	N	L	V	K	G	T	N	A	G	S	
Clone # 67	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	T	Q	R	Y	C	N	A	S	V	A	N	L	V	K	G	T	N	A	G	S	
Clone # 68	M	L	Q	M	A	E	Q	C	A	Q	N	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	D	T	P	P	L	T	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	M	N	A	G	S	
Clone # 69	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	S	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	T	C	R	Y	C	N	A	S	V	T	N	S	V	K	G	M	N	A	G	S	
Clone # 70	M	L	Q	M	A	G	Q	C	S	Q	D	E	Y	F	D	S	L	L	H	A	C	M	P	C	Q	L	R	C	S	S	N	T	P	P	L	T	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S	
Clone # 71	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 72	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 73	M	L	Q	M	A	G	Q	C	S	Q	N	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S
Clone # 74	M	L	Q	M	A	G	Q	C	P	Q	D	E	Y	F	D	G	L	L	H	A	C	I	P	C	Q	L	R	C	S	S	N	T	P	P	L	A	C	Q	R	Y	C	N	A	S	V	T	N	S	V	K	G	T	N	A	G	S

FIGURE 4

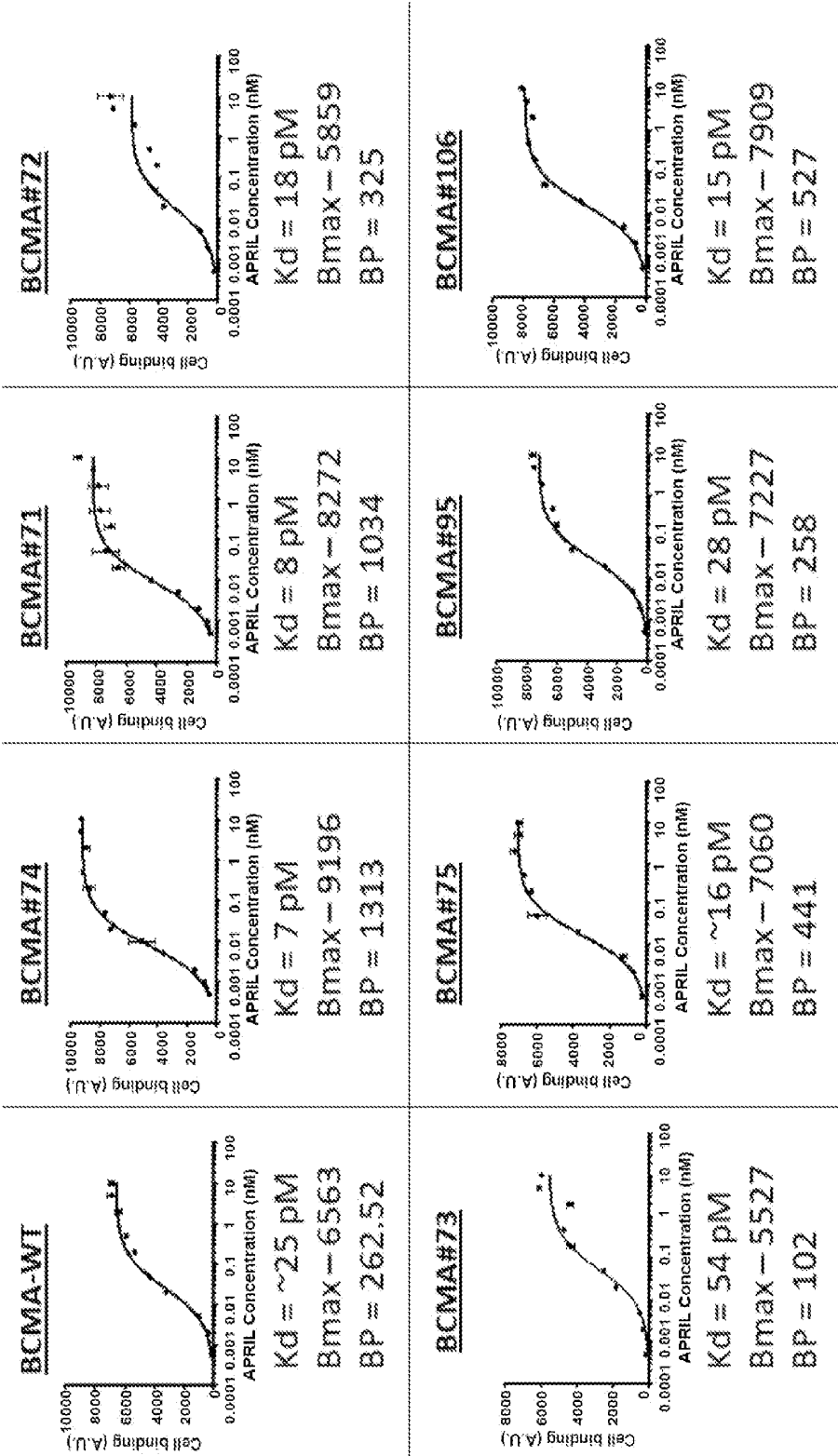


FIGURE 5

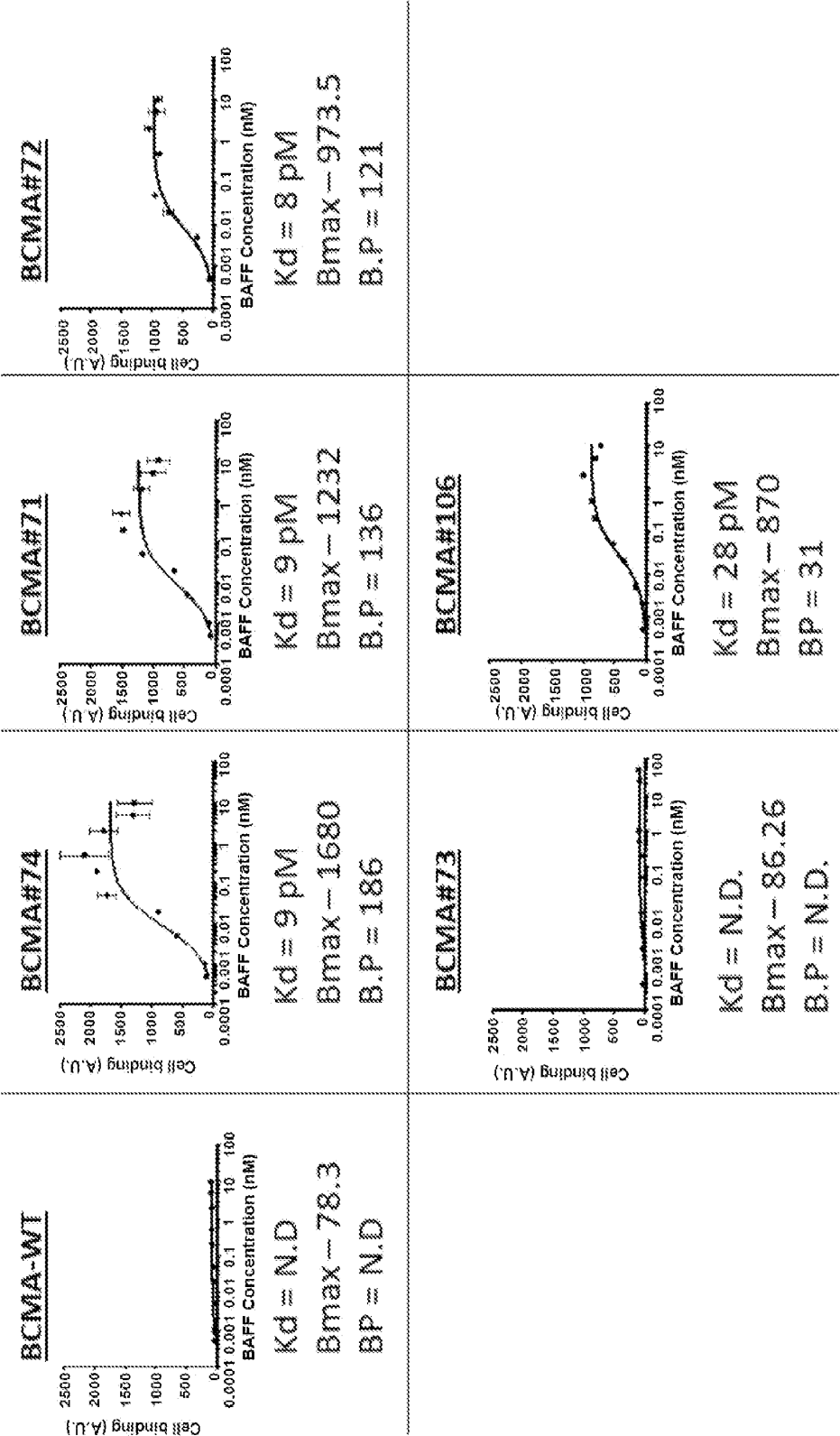


FIGURE 6**SEQ ID NO:80** (Clone #71 + Linker + human IgG1)

MLQMAGQCSQNEYFDGLLYACIPQQLRCSSTPPLACQRYCNASVTNSVKGTDAGGGGSPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISR
 TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP
 SRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGK

SEQ ID NO:81 (Clone #72 + Linker + human IgG1)

MLQMAGQCSQNEYFDGLLYACIPQQLRCSSTPPLACQRYCNASVTNSVKGTDAGGGGSPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISR
 TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPP
 SRDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGK

SEQ ID NO:82 (Clone #74 + Linker + human IgG1)

MLQMAGQCPQDEYFDGLLYACIPQQLRCSSTPPLACQRYCNASVTSSVKGTDAGGGGSPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISR
 TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPS
 RDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGK

SEQ ID NO:83 (Clone #75 + Linker + human IgG1)

MLPMAGQCPQNEYFDLSLLYACIPQQLRCSSTPPLACQHYCNASVTRSVEGTNAAGGGGSPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISR
 TPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPS
 RDELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGK

SEQ ID NO:84 (Clone #106 + Linker + human IgG1)

VSQTAGQCSQNEYFDGLLHACIPQQLRCSSTPPLACQRYCNASVTNSVKGTDAGGGGSPKSCDKTHTCPPCPAPPELLGGPSVFLFPPKPKDTLMISRTP
 EVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRVVSVLTVLHQDWLNGKEYCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSR
 DELTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDKSRWQQGNVFCSCVMHEALHNHYTQKSLSLSPGK

FIGURE 7

SEQ ID NO:1 (Extracellular domain of wild type human BCMA)
MLQMAGQCQSQNEYFDSLHACIPCQLRCSNTPPLTCQRYCNASVTNSVKGTNA

SEQ ID NO:85 (Extracellular domain of BAFF):
AVQGPEETVTQDCLQIADSETPTIQKSYTFVPWLLSFKRGSAL EEKENKILVKETGYFFY GQVLYTDKTYAMGHLIQRKKVHVFGDELSLVTLFR
CIQNMPEETLPNNSCYSAGIAKLEEGDELQLAIPRENAQISLDGDTVTFGALKLL

SEQ ID NO:86 (Extracellular domain of APRIL):
AVLTQKQKKQHSLVHLVPINATSKDDSDVTEVMWQPALRRGRGLQAQGYGVRIQDAGVWLLYSQVLFQDVTFTMGQVVSREGQGRQETLFR
CIRSMPSHPDRAYNSCYSAGVFHLHQGDILSVIIPRAKLNLSPHGTFLGFVKL

SEQ ID NO:87 (a linker domain)
IEGRMD

SEQ ID NO:88 (a linker domain)
GGGGS

FIGURE 8A

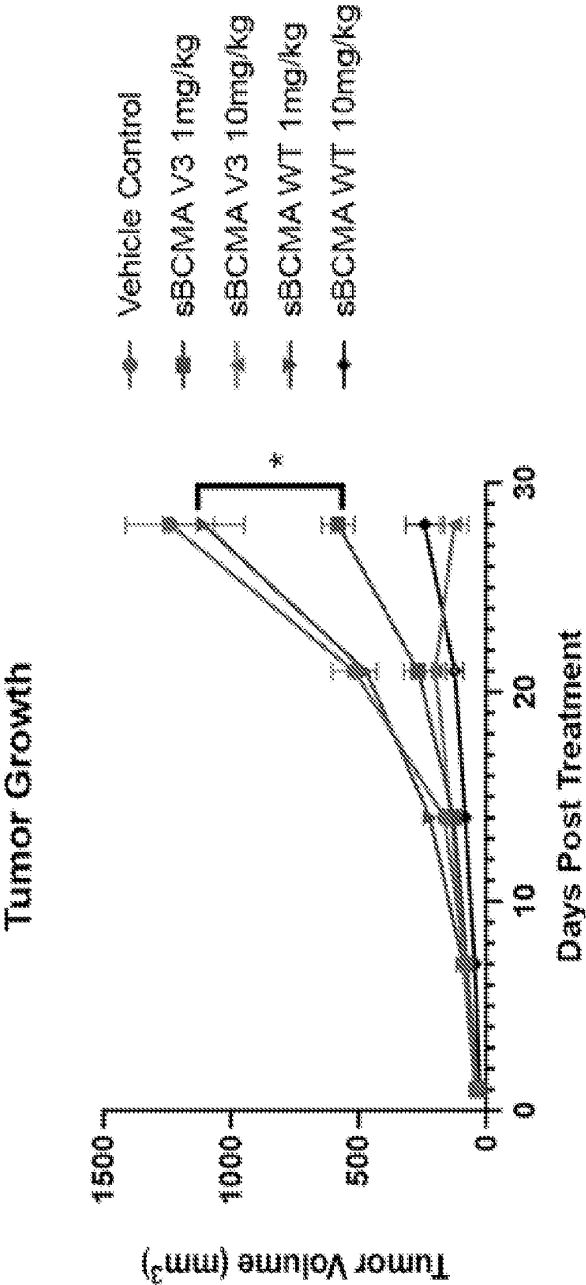


FIGURE 8B

