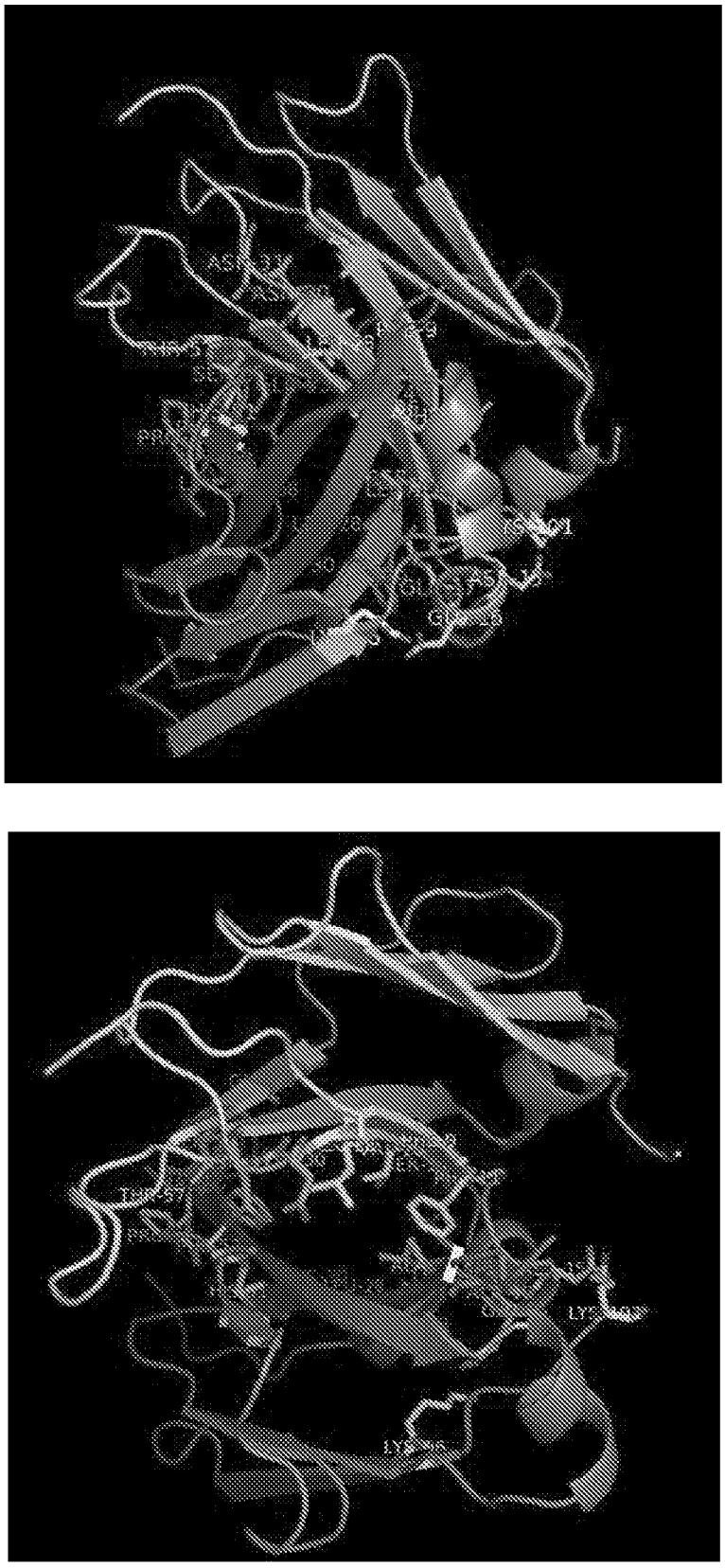


FIG. 1

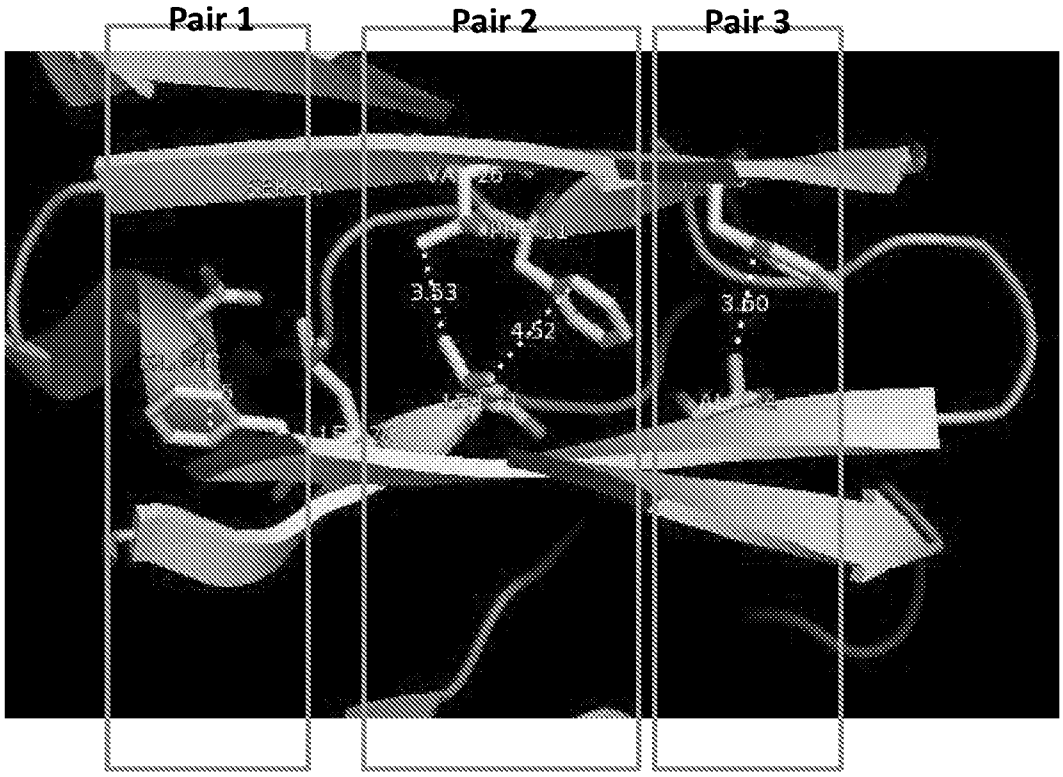

Pair 1
Pair 2
Pair 3
3.53
4.52
3.60

FIG. 2

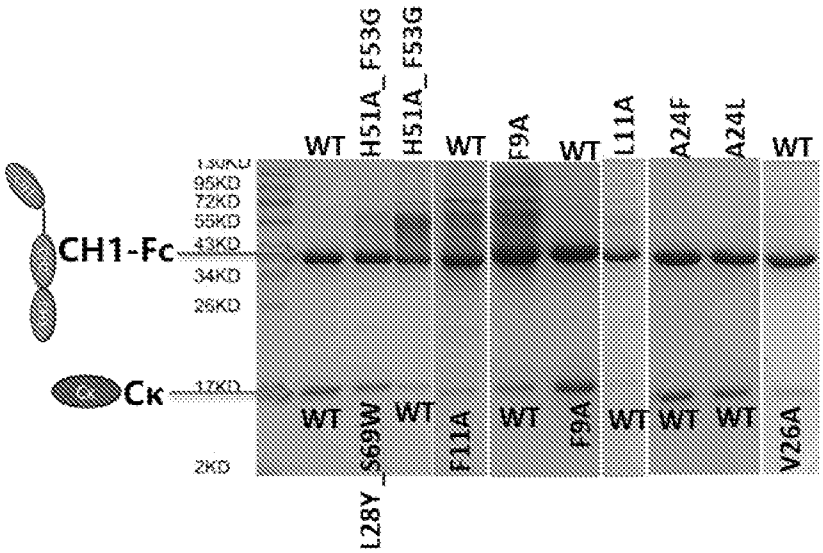

WT
H51A_F53G
H51A_F53G
WT
F9A
WT
L11A
A24F
A24L
WT
95KD
72KD
55KD
43KD
34KD
26KD
17KD
2KD
CH1-Fc
Cκ
WT
L28Y_S69W
WT
F11A
WT
F9A
WT
WT
WT
V26A

FIG. 3

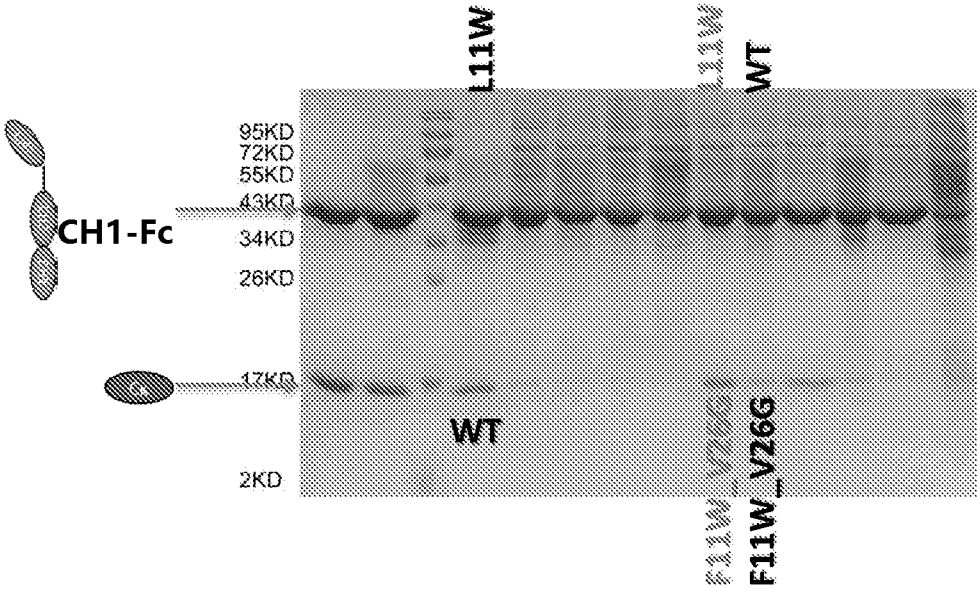

L11W
WT
95KD
72KD
55KD
43KD
CH1-Fc
34KD
26KD
17KD
WT
2KD
F11W_V26G

FIG. 4A

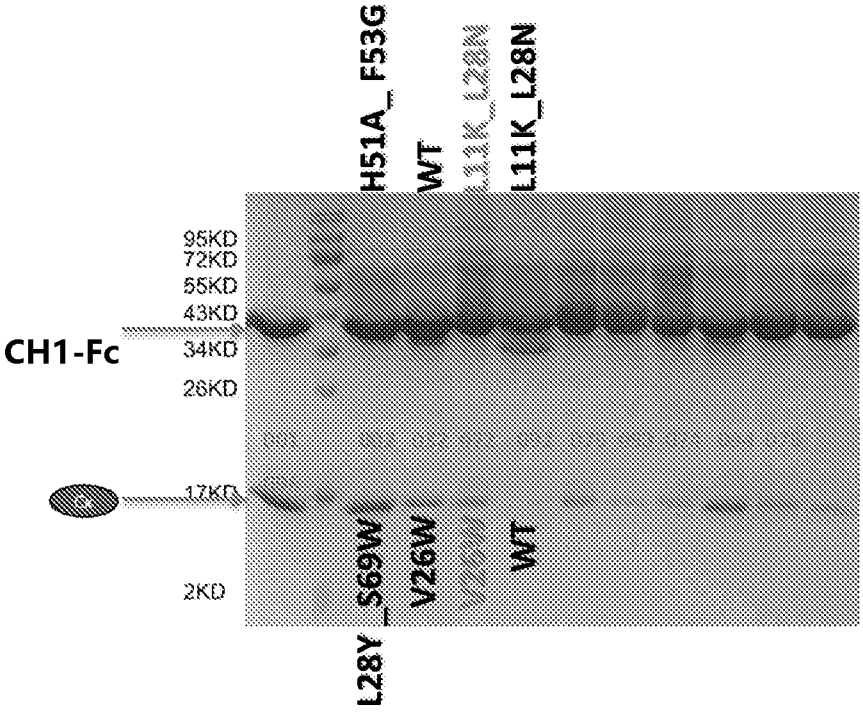

H51A_F53G
WT
L11K_L28N
95KD
72KD
55KD
43KD
CH1-Fc
34KD
26KD
17KD
2KD
L28Y_S69W
V26W
WT

FIG. 4B

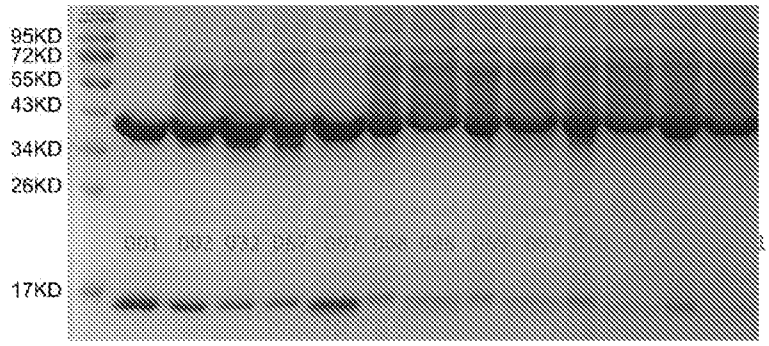

95KD
72KD
55KD
43KD
34KD
26KD
17KD

FIG. 4C

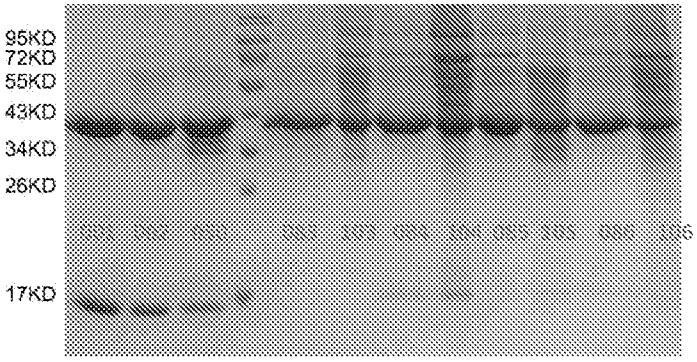

95KD
72KD
55KD
43KD
34KD
26KD
17KD

FIG. 4D

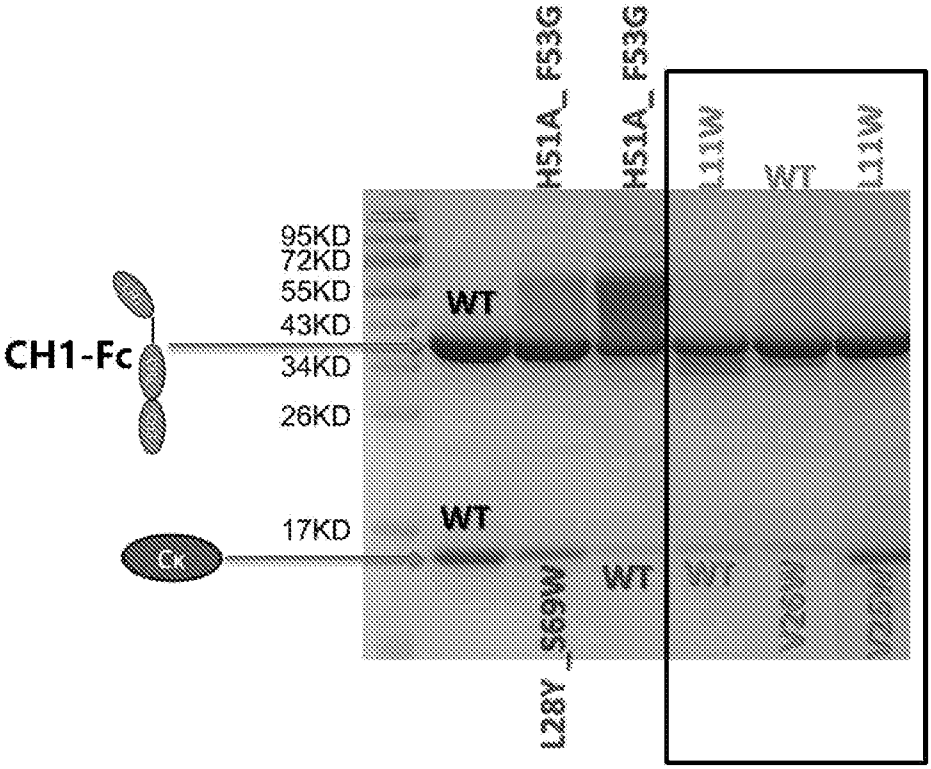

H51A_F53G
H51A_F53G
L11W
WT
L11W
95KD
72KD
55KD
43KD
34KD
26KD
17KD
CH1-Fc
κ
WT
WT
WT
L28Y_S69W

FIG. 5A

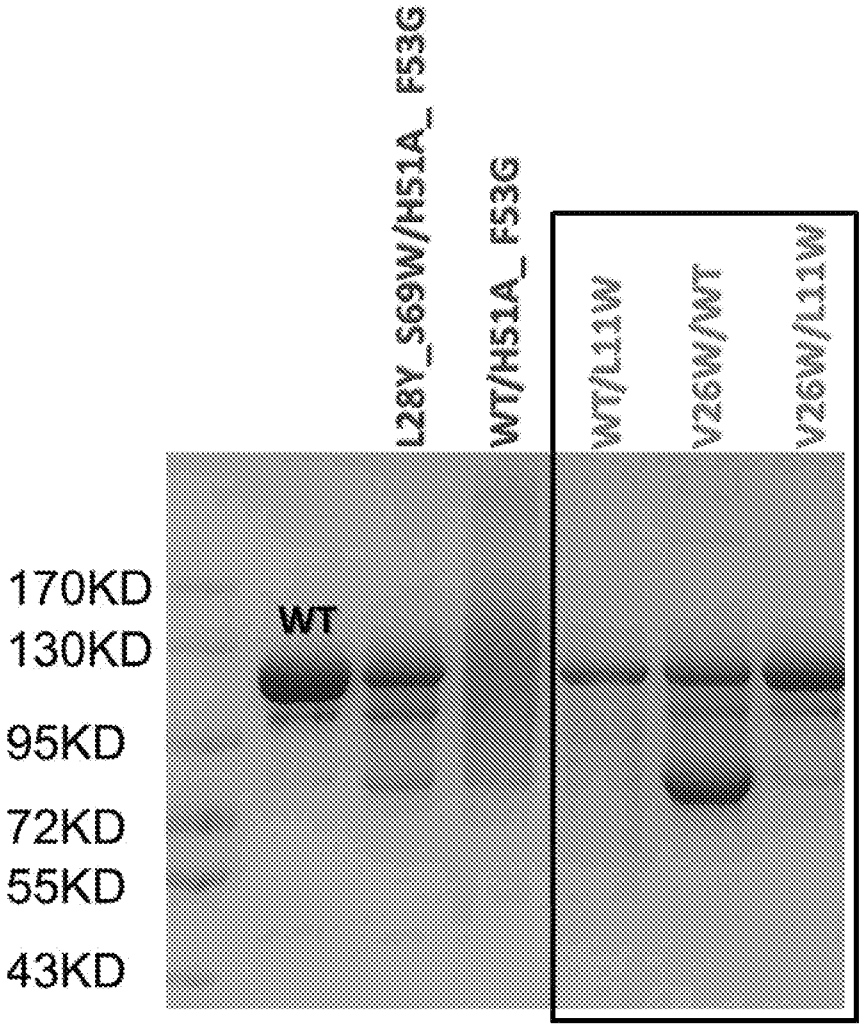

L28Y_S69W/H51A_ F53G
WT/H51A_ F53G
WT/L11W
V26W/WT
V26W/L11W
170KD
130KD
95KD
72KD
55KD
43KD
WT

FIG. 5B

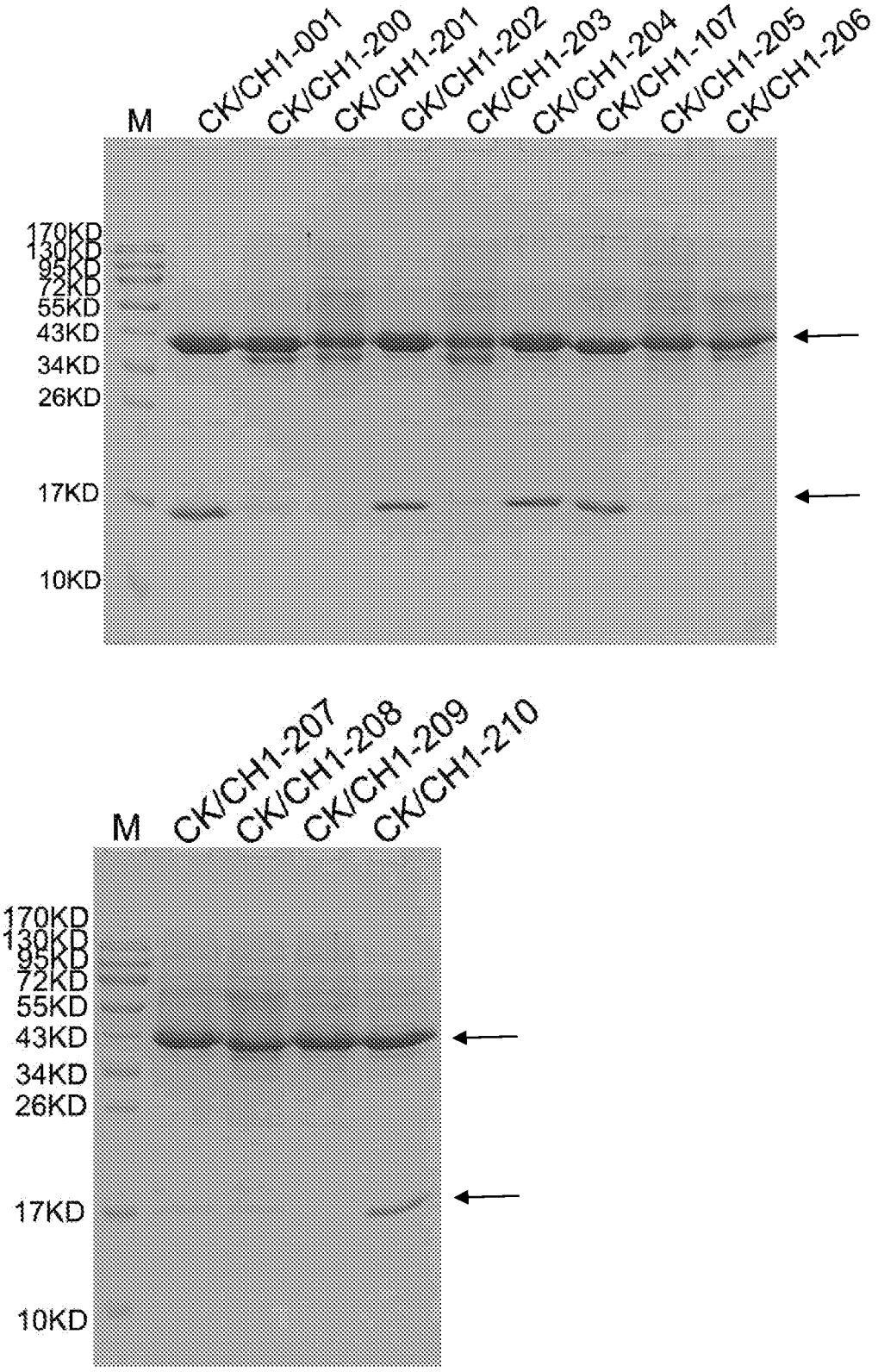

M
CK/CH1-001
CK/CH1-200
CK/CH1-201
CK/CH1-202
CK/CH1-203
CK/CH1-204
CK/CH1-107
CK/CH1-205
CK/CH1-206
170KD
130KD
95KD
72KD
55KD
43KD
34KD
26KD
17KD
10KD
M
CK/CH1-207
CK/CH1-208
CK/CH1-209
CK/CH1-210
170KD
130KD
95KD
72KD
55KD
43KD
34KD
26KD
17KD
10KD

FIG. 6A

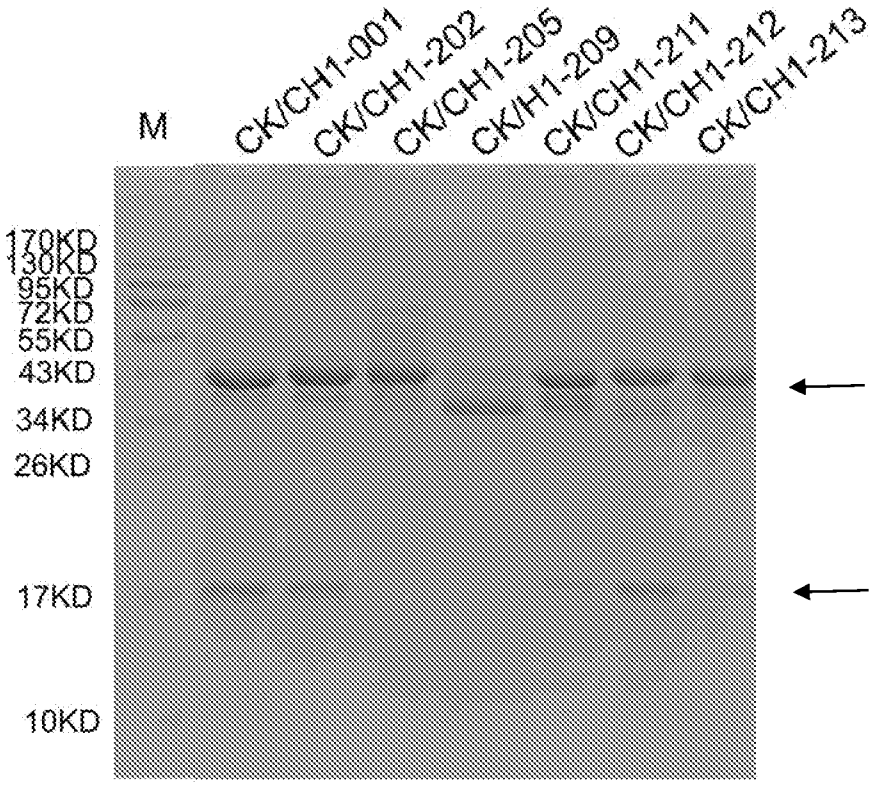

M
CK/CH1-001
CK/CH1-202
CK/CH1-205
CK/H1-209
CK/CH1-211
CK/CH1-212
CK/CH1-213
170KD
130KD
95KD
72KD
55KD
43KD
34KD
26KD
17KD
10KD

FIG. 6B

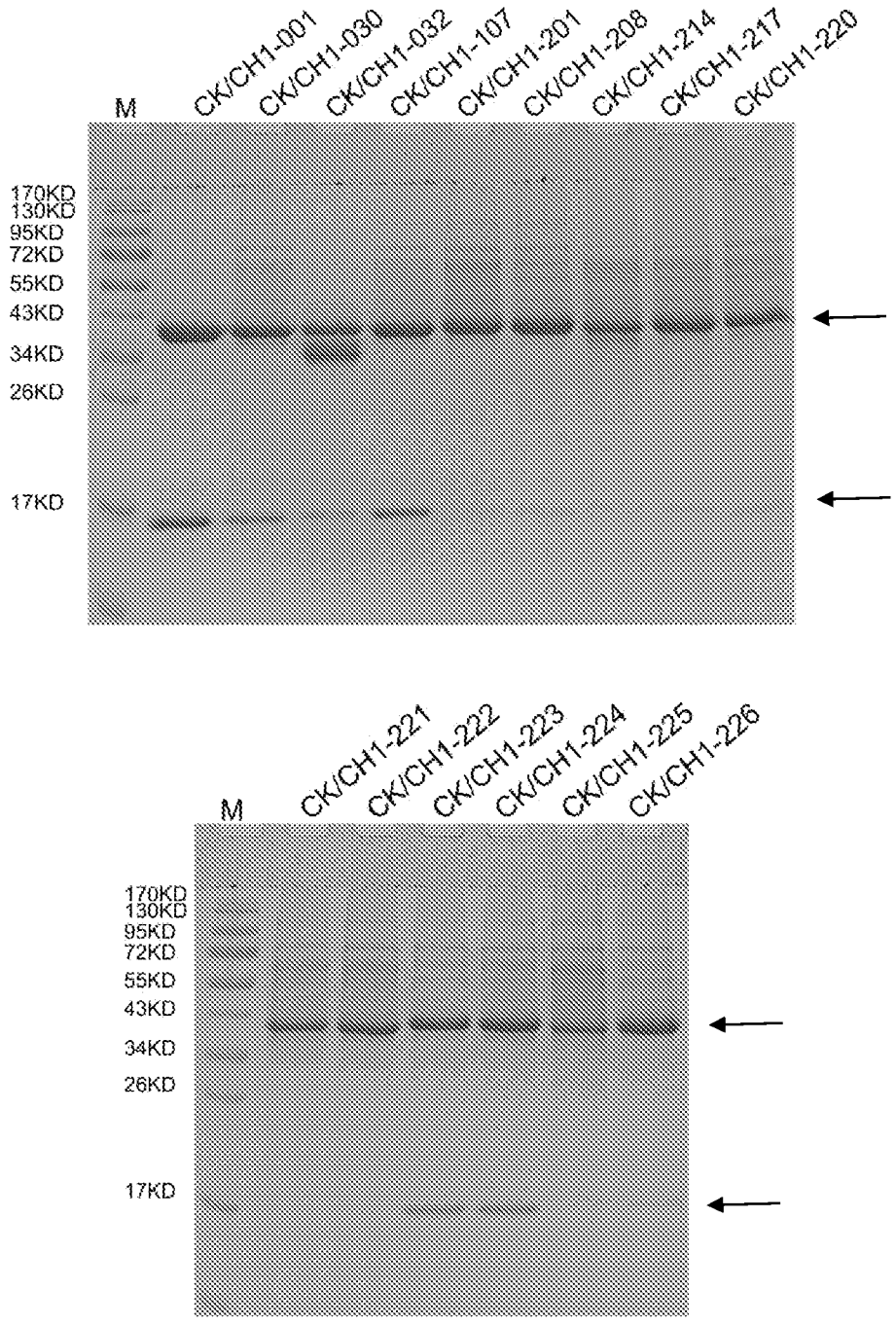

M
CK/CH1-001
CK/CH1-030
CK/CH1-032
CK/CH1-107
CK/CH1-201
CK/CH1-208
CK/CH1-214
CK/CH1-217
CK/CH1-220
170KD
130KD
95KD
72KD
55KD
43KD
34KD
26KD
17KD
M
CK/CH1-221
CK/CH1-222
CK/CH1-223
CK/CH1-224
CK/CH1-225
CK/CH1-226
170KD
130KD
95KD
72KD
55KD
43KD
34KD
26KD
17KD

FIG. 6C

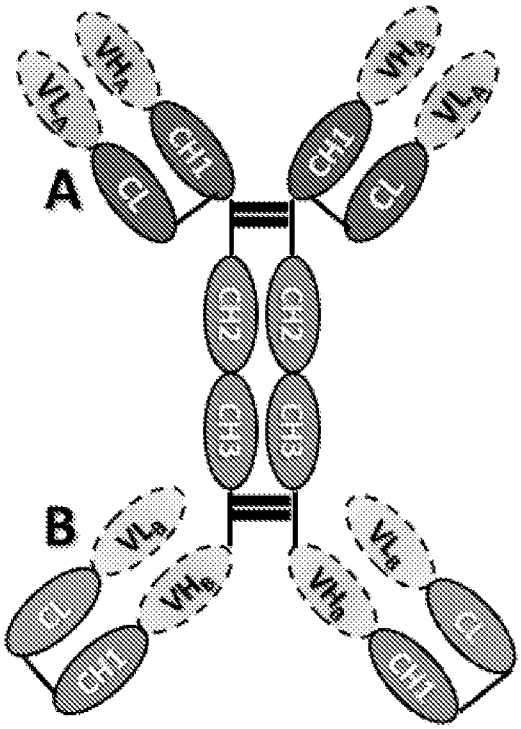


FIG. 7A

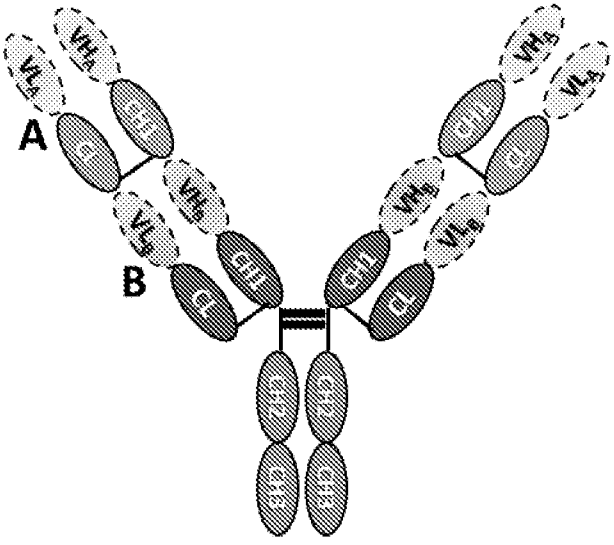


FIG. 7B

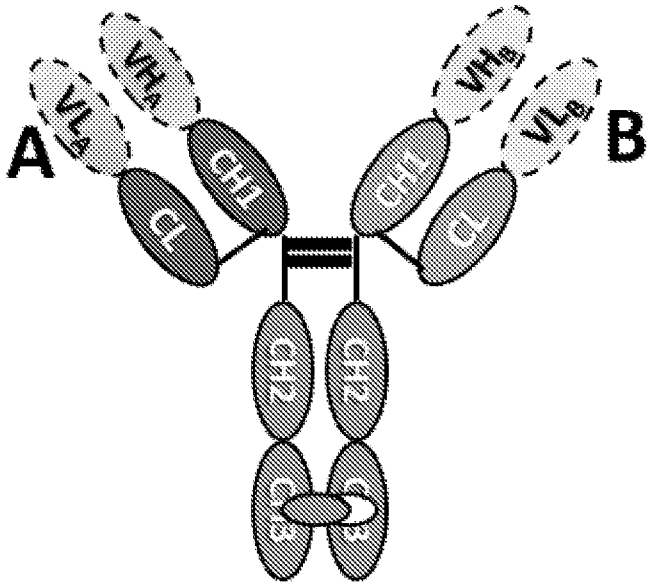

A
B
VHA
VLA
CH1
CL
VHB
VLB
CH1
CL
CH2
CH2
CH3
CH3

FIG. 7C

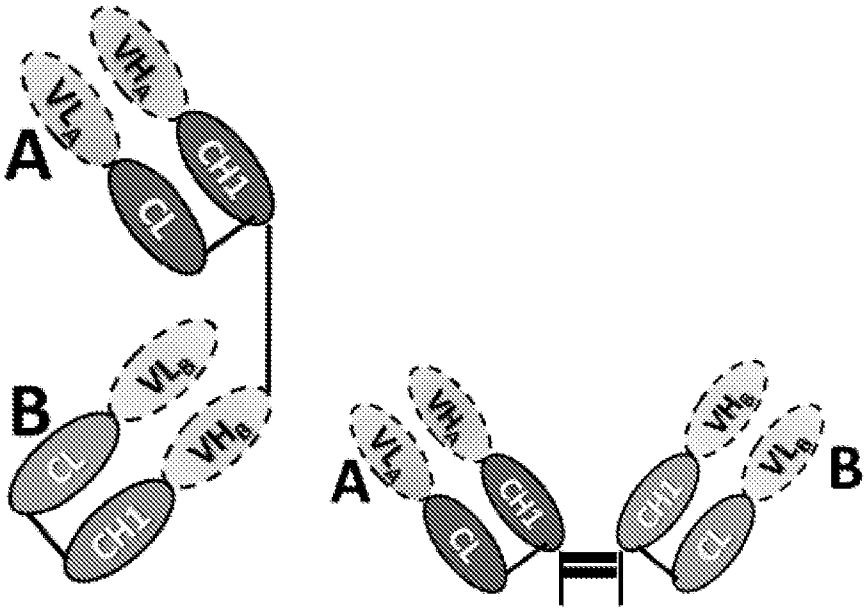
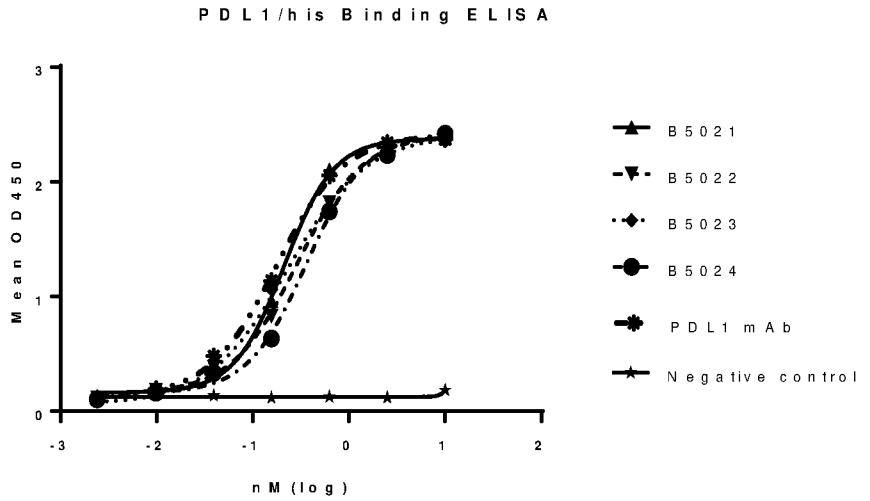
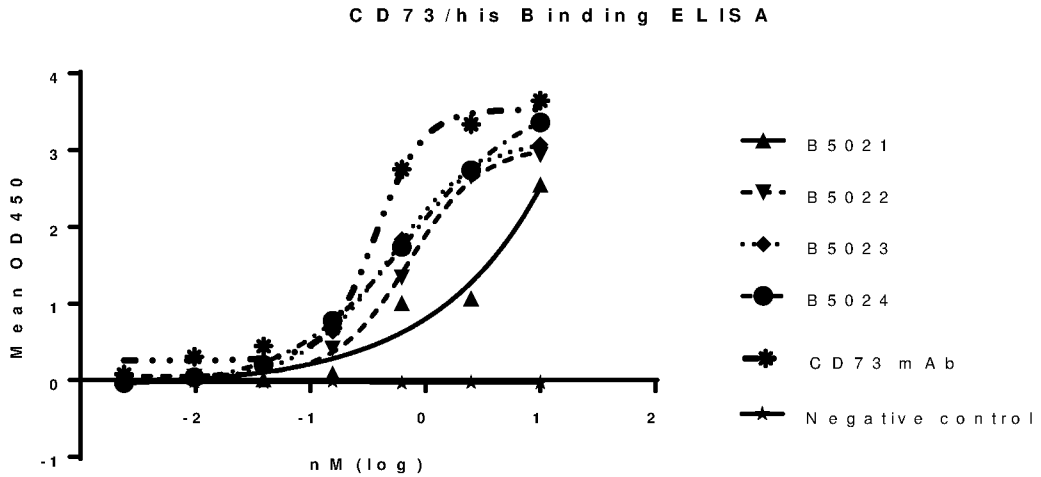

A
B
VHA
VLA
CH1
CL
VLB
VHB
CL
CH1
A
B
VHA
VLA
CH1
CL
VHB
VLB
CH1
CL

FIG. 7D

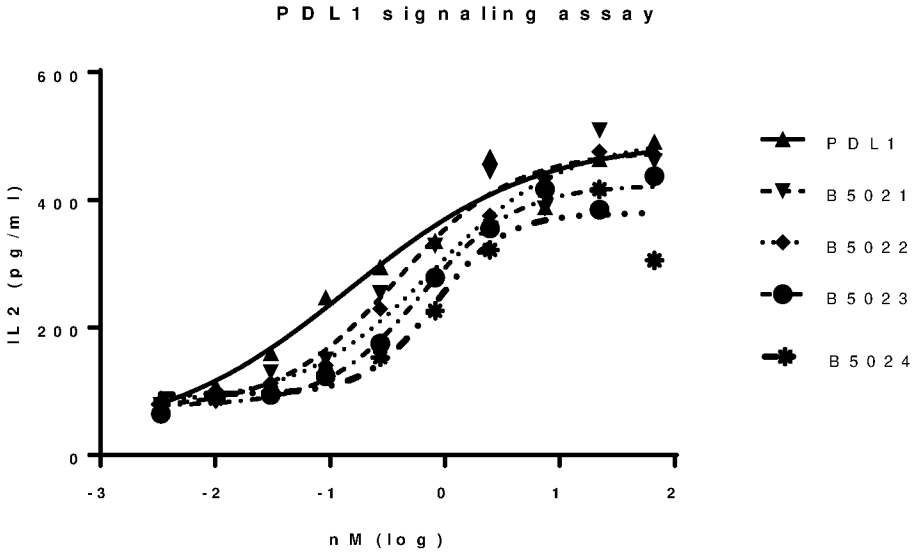


	B5021	B5022	B5023	B5024	PDL1 mAb	Negative control
EC50	0.2119	0.287	0.2287	0.3596	0.1771	~ 19.84

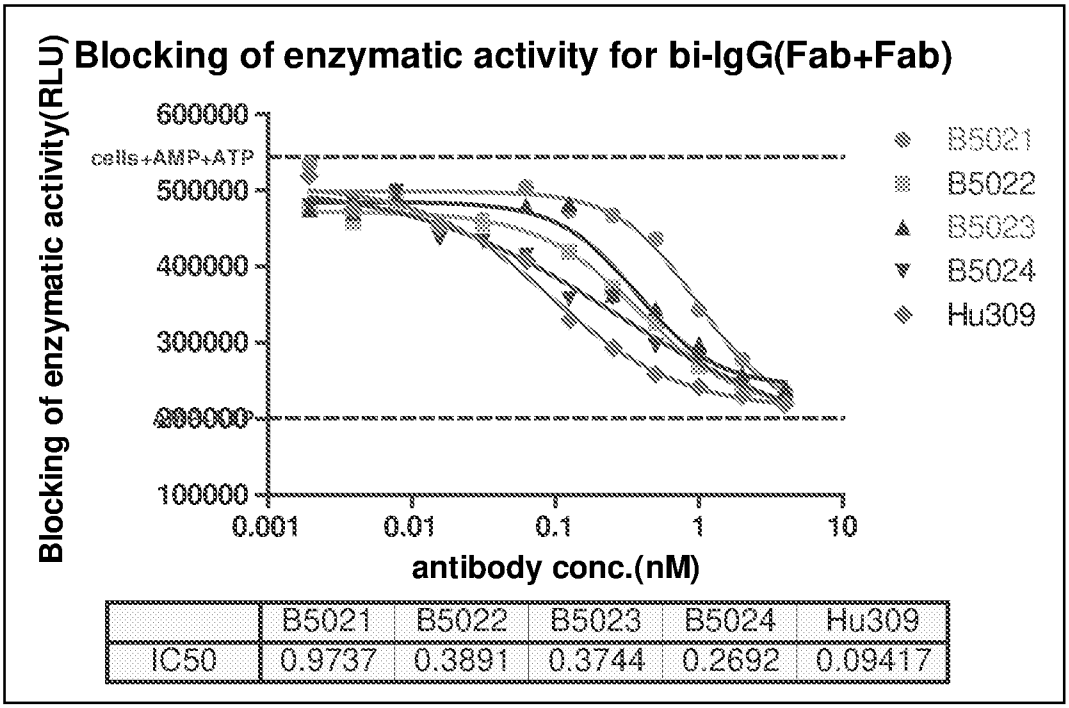


	B5021	B5022	B5023	B5024	CD73 mAb
EC50	~ 14914168	0.7277	0.4819	0.7064	0.3689

FIG. 8A



	PDL1	B5021	B5022	B5023	B5024
EC50	0.146	0.3806	0.7682	0.6173	0.8203



	B5021	B5022	B5023	B5024	Hu309
IC50	0.9737	0.3891	0.3744	0.2692	0.09417

FIG. 8B