

MTEFGLSWVFLVAIFKGVQCEVQLVESGGGLVQPGGSLRLSCAASGFTFSSYDMSWVRQAPGKGLEWVATITGGG
SYTYYPDSVKGRFTISRDNALNSLYLQMNSLRAEDTAVYYCASPYLNYFDYWGGTGLTVSSASTKGPSVFPLAPCSR
STSESTAALGCLVKDYFPEPTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGKTYTCNVDPHKPSNTKVD
KRVESKYGPPCPPCPAPEFLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSDQEDPEVQFNWYVDGVEVHNAKTKP
REEQFNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKGLPSSIEKTISKAKGQPREPQVYTLPPSQEEMTKNQVSLTCLV
KGFYPDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSRLTVDKSRWQEGNVFSCSVMEALHNHYTQKSLSLGL
GK (SEQ ID No:1)

Figure 1 (a)

MEAPAQLFLLLLWLPDITGEIVLTQSPATLSLSPGERATLSCRASQSSINNLHWYQQKPGQAPRLLIYYASQISGIPA
RFSGSGSGTDFTLTISLEPEDFAVYYCQSNWPLTFGQGTKEIKRTVAAPSVFIFPPSDEQLKSGTASVCLLNNFY
PREAKVQWKVDNALQSGNSQESVTEQDSKSTYLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC
(SEQ ID No:2)

Figure 1 (b)

EVQLVESGGGLVQPGGSLRLSCAASGFTFSSYDMSWVRQAPGKGLEWVATITGGGSYTYYPDSVKGRFTISRDNAL
NSLYLQMNSLRAEDTAVYYCASPYLNYFDYWGGTGLTVSSASTKGPSVFPLAPCSRSTSESTAALGCLVKDYFPEPV
TVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGKTYTCNVDPHKPSNTKVDKRVESKYGPPCPPCPAPEFL
GGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSDQEDPEVQFNWYVDGVEVHNAKTKPREEQFNSTYRVVSVLTVLH
QDWLNGKEYKCKVSNKGLPSSIEKTISKAKGQPREPQVYTLPPSQEEMTKNQVSLTCLVKGFYPDIAVEWESNGQP
ENNYKTPPVLDSDGSFFLYSRLTVDKSRWQEGNVFSCSVMEALHNHYTQKSLSLGLGK (SEQ ID No:3)

Figure 1 (c)

EIVLTQSPATLSLSPGERATLSCRASQSSINNLHWYQQKPGQAPRLLIYYASQISGIPARFSGSGSGTDFTLTISLEPE
DFAVYYCQSNWPLTFGQGTKEIKRTVAAPSVFIFPPSDEQLKSGTASVCLLNNFYPREAKVQWKVDNALQSG
NSQESVTEQDSKSTYLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC (SEQ ID No:4)

Figure 1 (d)

EVQLVESGGGLVQPGGSLRLSCAASGFTFSSYDMSWVRQAPGKGLEWVATITGGGSYTYYPDSVKGRFTISRDNAL
NSLYLQMNSLRAEDTAVYYCASPYLNYFDYWGGTGLTVSS (SEQ ID No:5)

Figure 1 (f)

EIVLTQSPATLSLSPGERATLSCRASQSSINNLHWYQQKPGQAPRLLIYYASQISGIPARFSGSGSGTDFTLTISLEPE
DFAVYYCQSNWPLTFGQGTKEIK (SEQ ID No:6)

Figure 1 (g)

ASTKGPSVFPLAPCSRSTSESTAALGCLVKDYFPEPTVSWNSGALTSGVHTFPAVLQSSGLYSLSSVTVPSSSLGKTK
YTCNVDPHKPSNTKVDKRVESKYGPPCPPCPAPEFLGGPSVFLFPPKPKDTLMISRTPEVTCVVVDVSDQEDPEVQFN

WYVDGVEVHNAKTKPREEQFNSTYRVVSVLTVLHQDWLNGKEYKCKVSNKGLPSSIEKTISKAKGQPREPQVYTLPPSQEEMTKNQVSLTCLVKGFYPSDIAVEWESNGQPENNYKTTTPVLDSDGSFFLYSRLTVDKSRWQEGNVFSCSVMHEALHNNHYTQKSLSLGK (SEQ ID No:7)

Figure 1 (h)

RTVAAPSVFIFPPSDEQLKSGTASVVCLLNNFYPREAKVQWKVDNALQSGNSQESVTEQDSKDSTYSLSSTLTLSKADYEKHKVYACEVTHQGLSSPVTKSFNRGEC (SEQ ID No:8)

Figure 1 (i)

SYDMS (SEQ ID No:9)

Figure 1 (j)

TITGGGSYTYPPDSVKG (SEQ ID No:10)

Figure 1 (k)

PYLNIFYDY (SEQ ID No:11)

Figure 1 (l)

RASQISNNLH (SEQ ID No:12)

Figure 1 (m)

YASQIS (SEQ ID No:13)

Figure 1 (n)

QQSNSWPLT (SEQ ID No:14)

Figure 1 (o)

MTEFGLSWVFLVAIFKGVQC (SEQ ID No:15)

Figure 1 (p)

MEAPAQLLFLLLWLPDTTG (SEQ ID No:16)

Figure 1 (q)

ESKYGPPCPPCP (SEQ ID No: 17)

Figure 1 (r)

SSYDMS (SEQ ID No:18)

Figure 1 (s)

GFTFSYDMS (SEQ ID No:19)

Figure 1 (t)

ASPYLNYFDY (SEQ ID No:20)

Figure 1 (u)

GFTFSYDMS (SEQ ID No:21)

Figure 1 (v)

EVQLVESGGGLVQPGGSLRLSCAASGFTFSYDMSWVRQAPGKGLEWVATITGGGSYTYYPDSVKGRFTISRDNAKN
SLYLQMNSLR AEDTAVYYCASP YLNYFDYWGQGLTVTVSS (SEQ ID No:22)

Figure 1 (w)

SPYLNYFDY (SEQ ID No:23)

Figure 1(x)

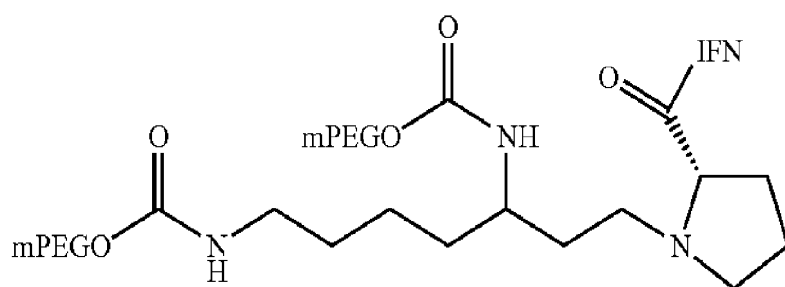


Figure 2

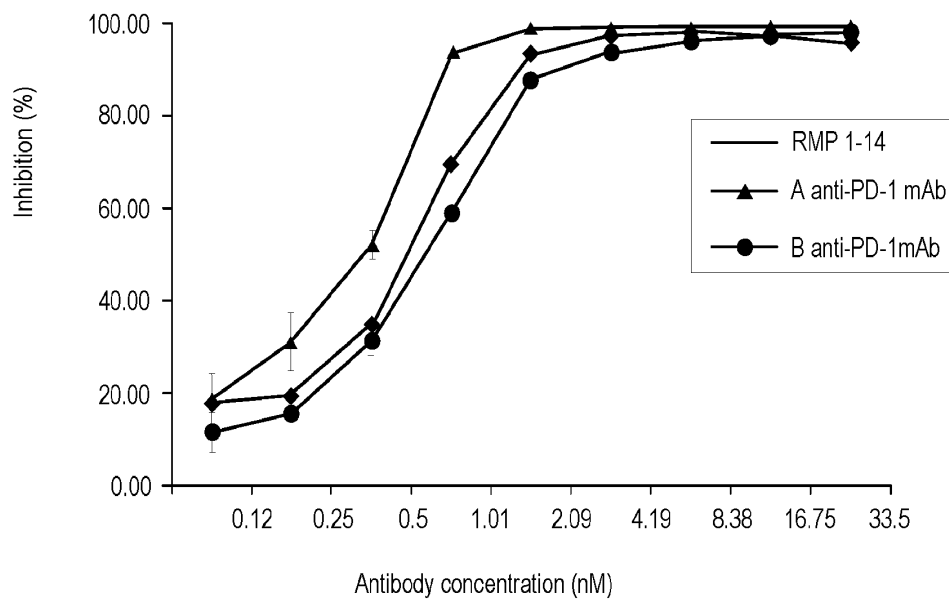


FIG. 3

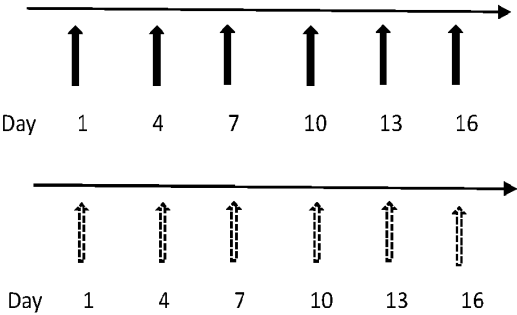


Figure 4 (a)

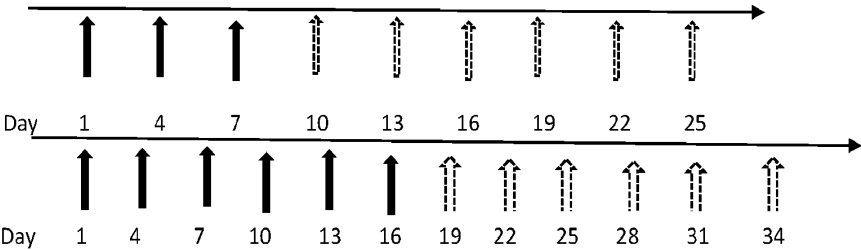


Figure 4 (b)

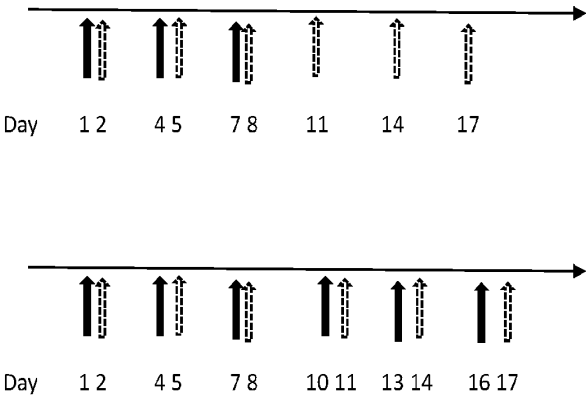
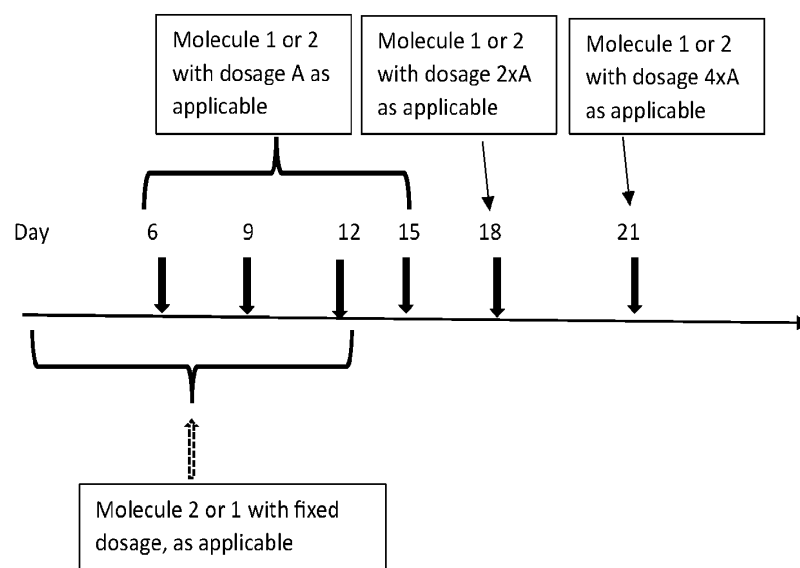


Figure 4 (c)



0

Figure 5

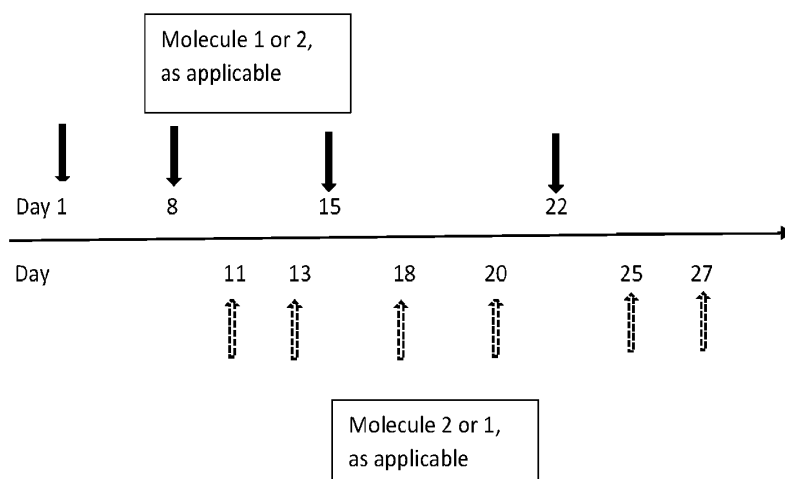


Figure 6

Molecule 1

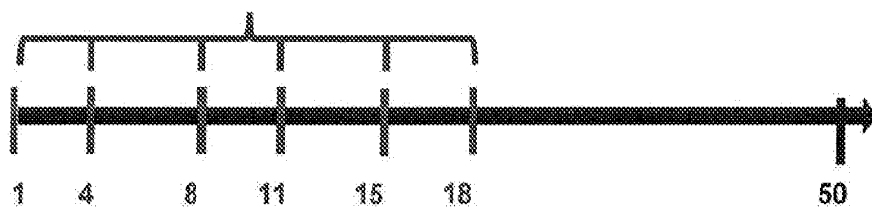
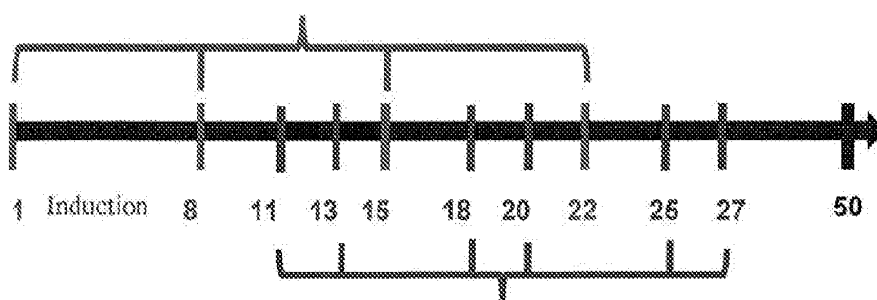


Figure 7(a)

Molecule 1/2



Molecule 2/1

Figure 7(b)

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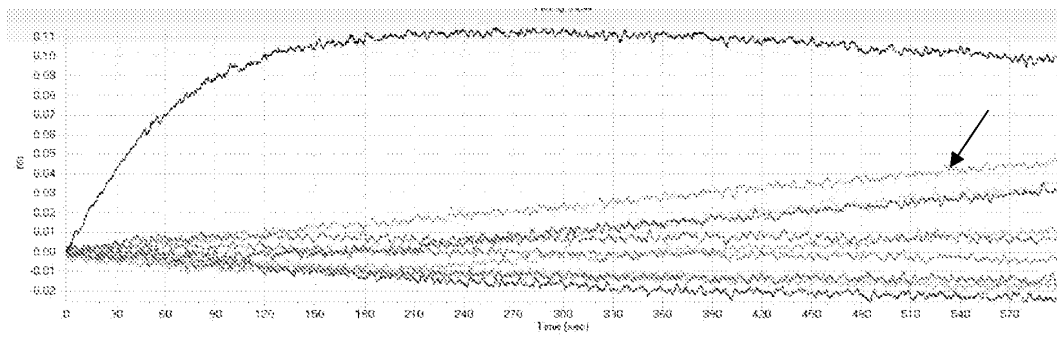


Figure 8(a)

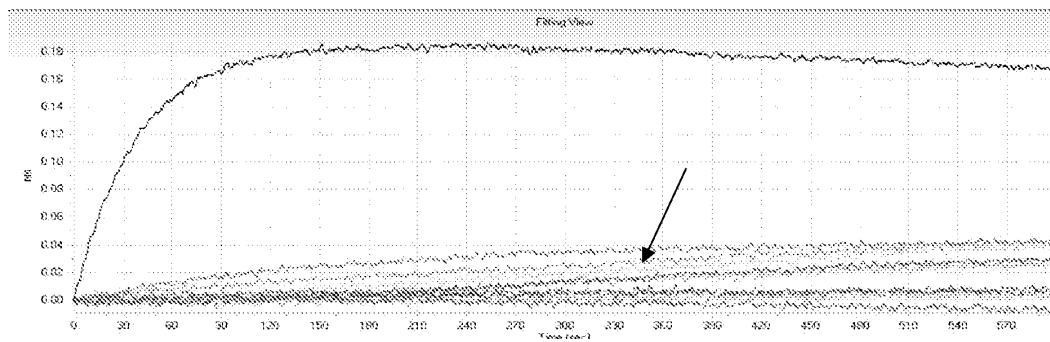


Figure 8(b)

10/21

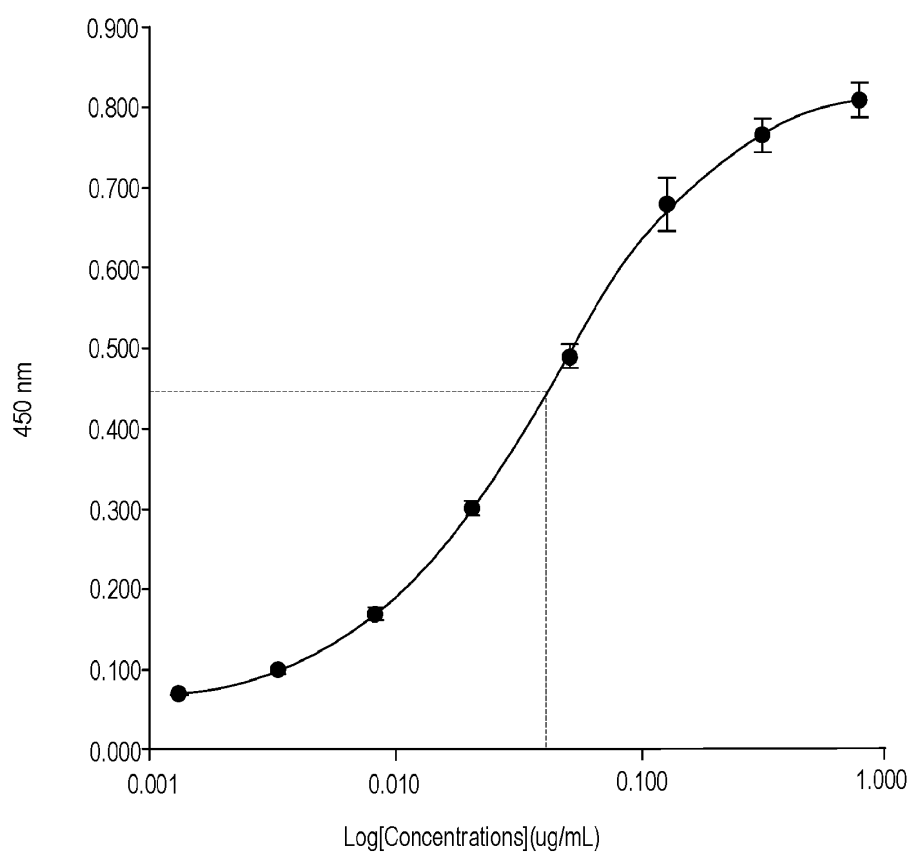


FIG. 9

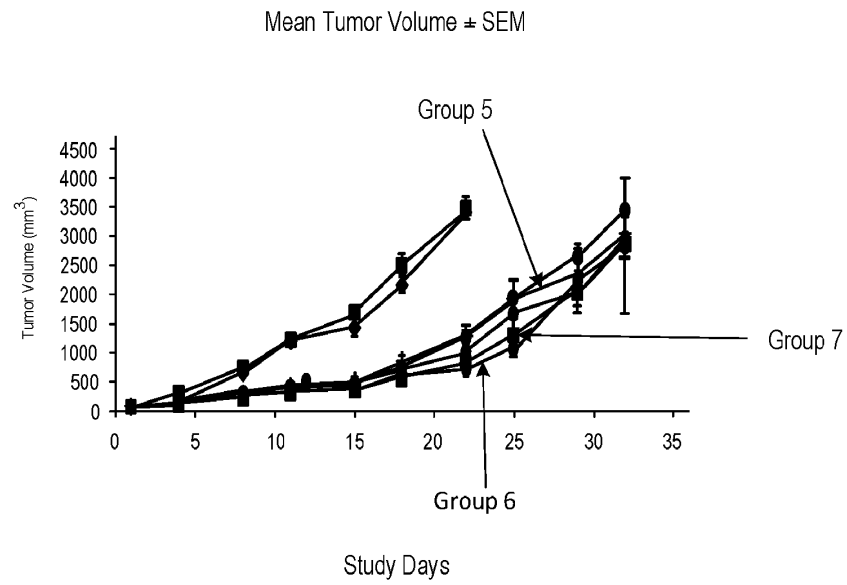


FIG. 10

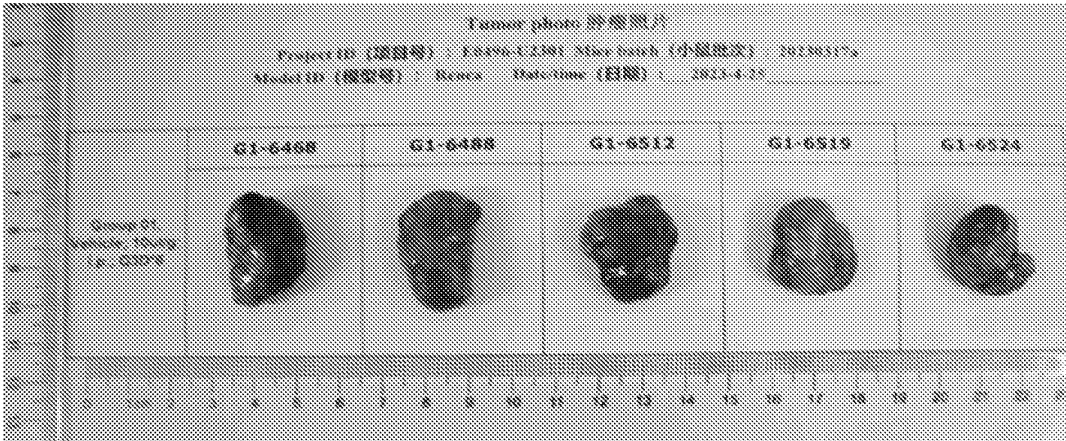


Figure 11

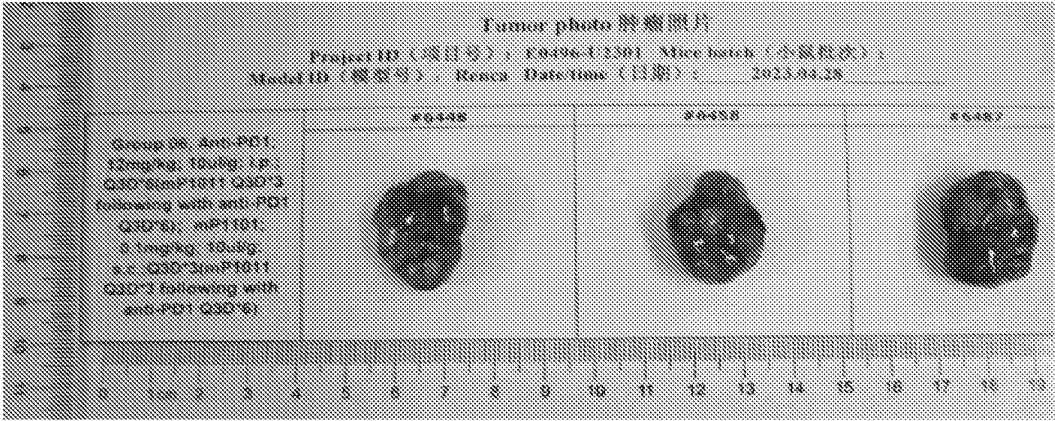


Figure 12

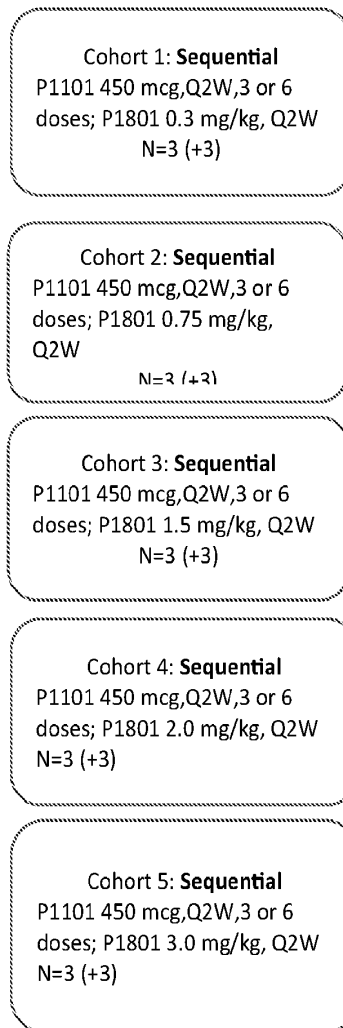


Figure 13

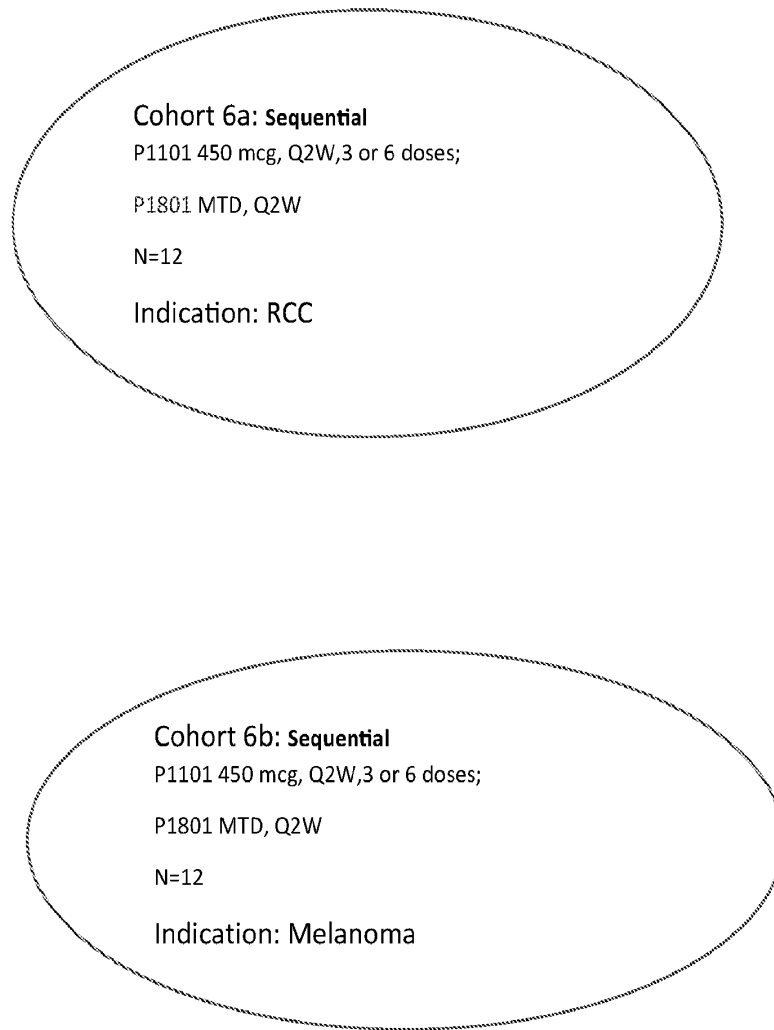


Figure 14

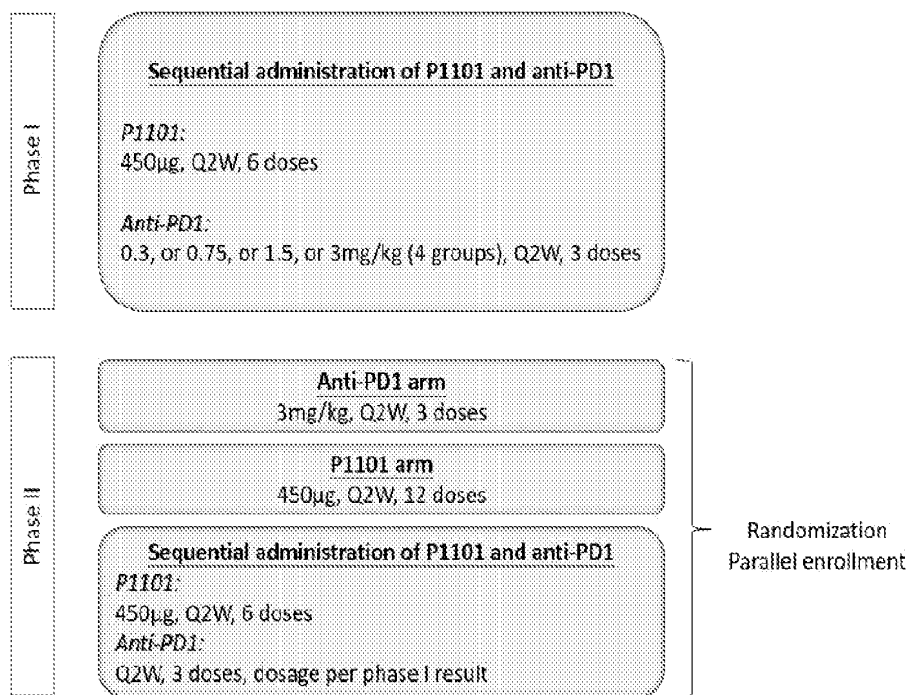


Figure 15

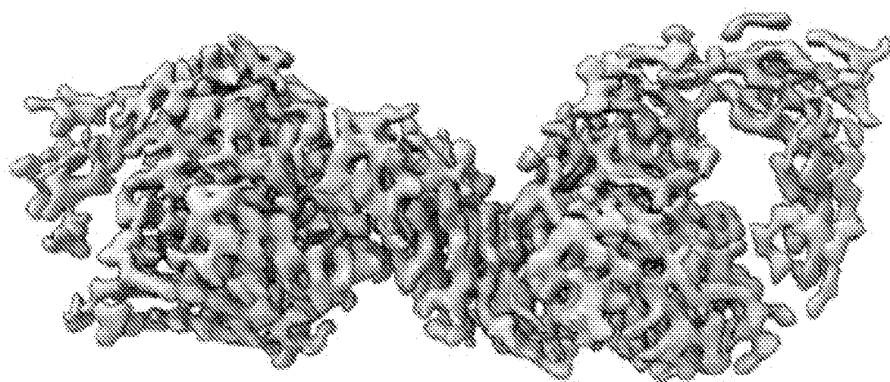


FIG. 16

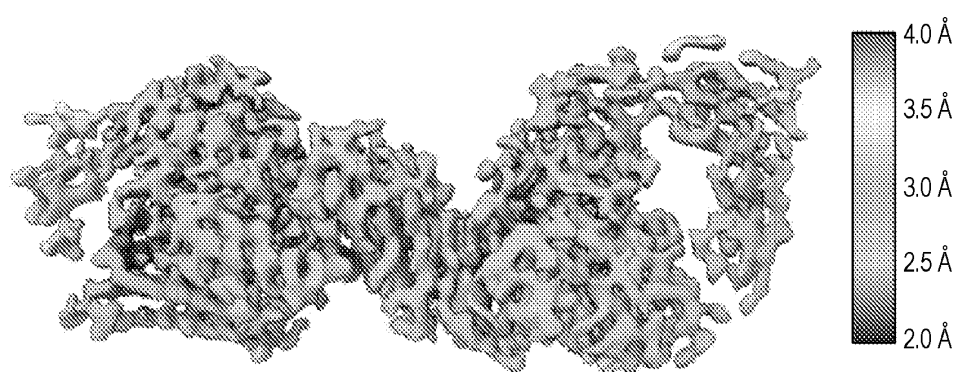


FIG. 17

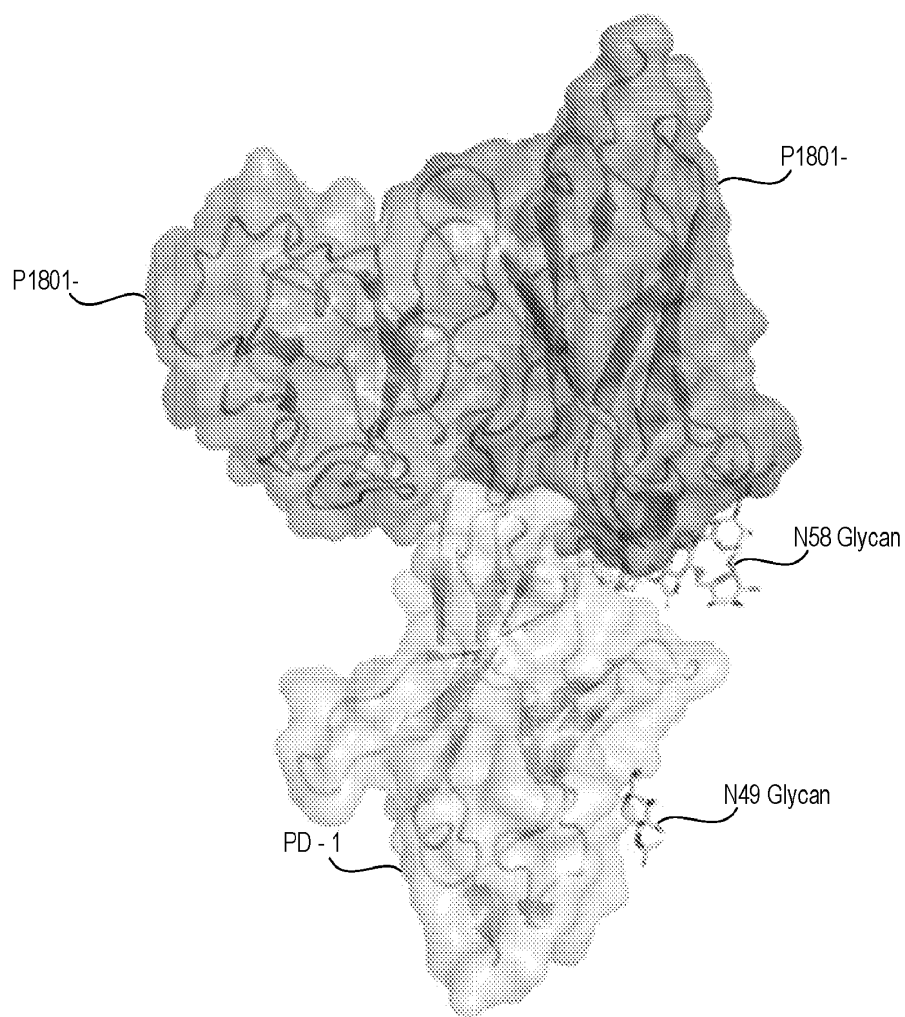


FIG. 18

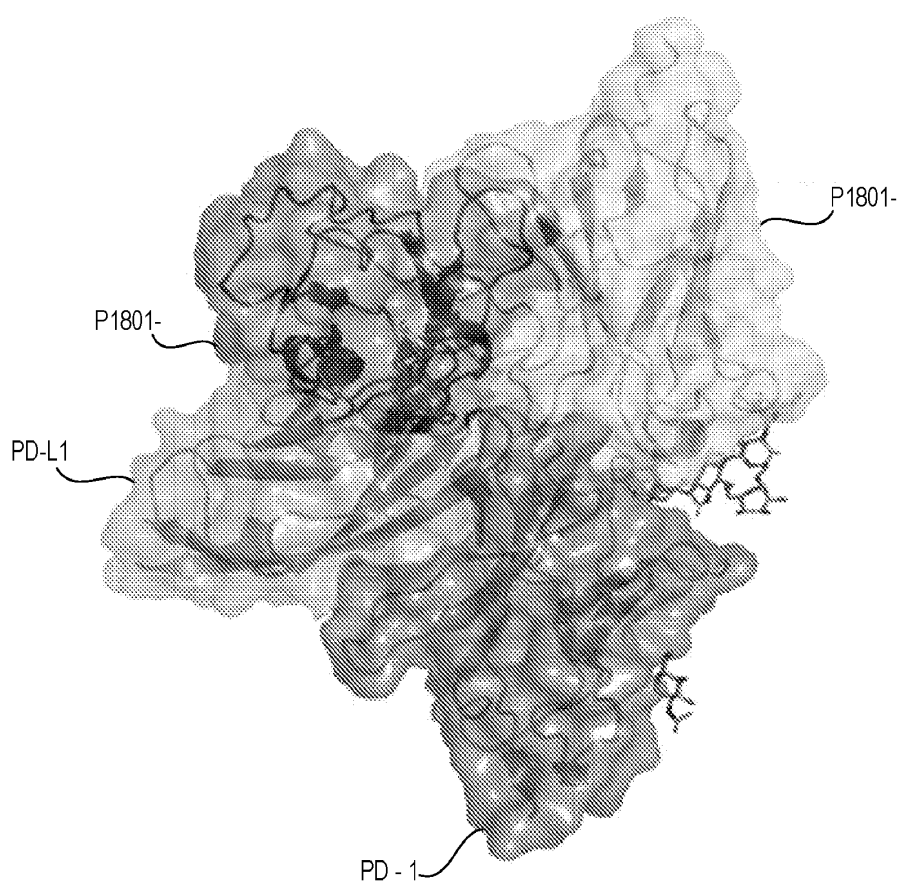


FIG. 19

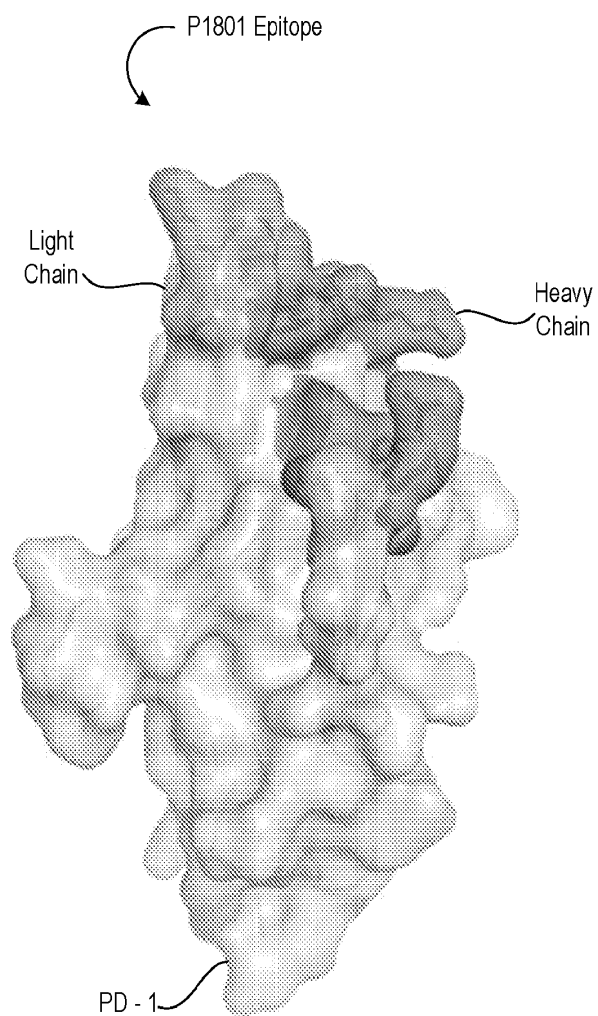


FIG. 20

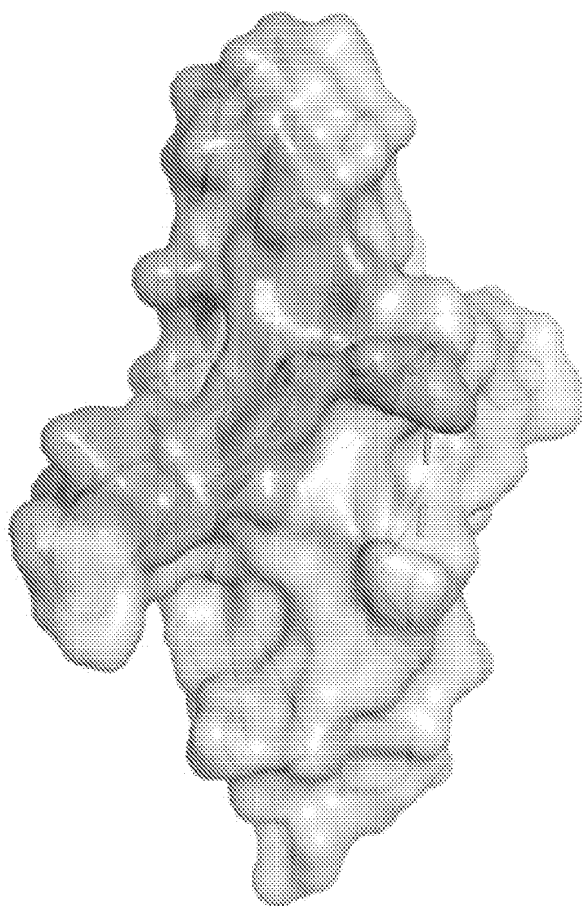


FIG. 21

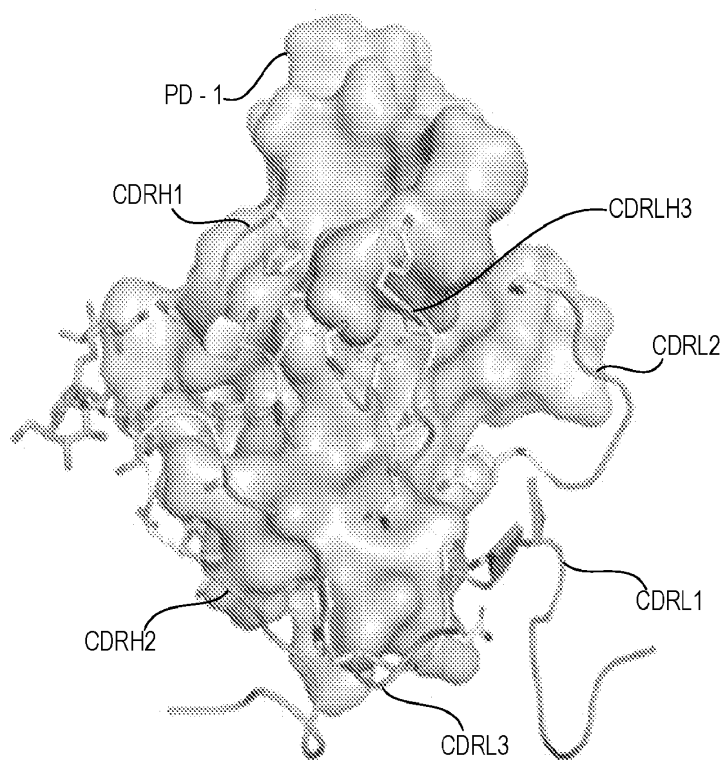


FIG. 22

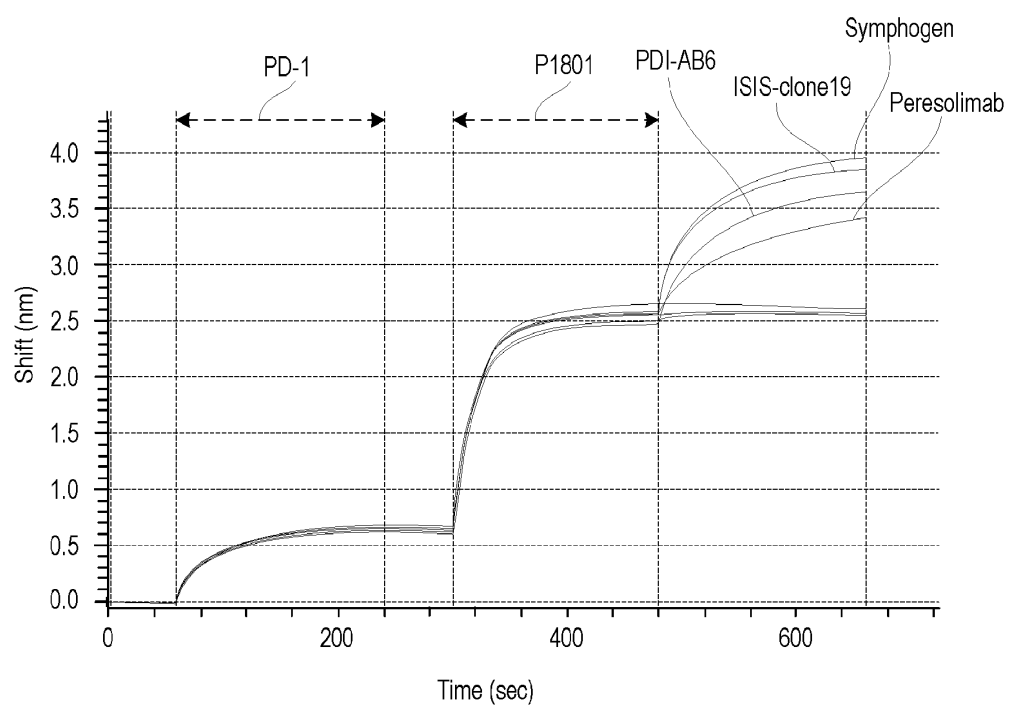


FIG. 23