

FIGURES

Nucleotide Sequence (SEQ ID NO. 1) and Deduced Amino Acid Sequence (SEQ ID NO. 3) of Pelgifatamab (IgG1 Heavy chain cDNA Gene)

DNA:	caggtgcagctcgtggaatcgggggggcggtggccagccgggcggtcgctccgctc	60
+1fr:	·Q··V··Q··L··V··E··S··G··G··G··V··V··Q··P··G··R··S··L··R··L·	20
DNA:	tcgtagcagcctcggttcgccttcagccgctacggcatgcactgggtccgccaggcg	120
+1fr:	·S··C··A··A··S··G··F··A··F··S··R··Y··G··M··H··W··V··R··Q··A·	40
DNA:	cccggaaggcgctggagtggtcgcggtcatctggtagcgggtccaacaagtattat	180
+1fr:	·P··G··K··G··L··E··W··V··A··V··I··W··Y··D··G··S··N··K··Y··Y·	60
DNA:	gcagactccgtcaagggtcggttcaccatcagccgggacaaactccaagaacaccagtac	240
+1fr:	·A··D··S··V··K··G··R··F··T··I··S··R··D··N··S··K··N··T··Q··Y·	80
DNA:	ctgcagatgaacagccttcgagcggaggacacccgggtctactactgcgcccggggcg	300
+1fr:	·L··Q··M··N··S··L··R··A··E··D··T··A··V··Y··Y··C··A··R··G··G·	100
DNA:	gatttctctgactactactactatggcatggacgtctggggccagggtaccacgtgacc	360
+1fr:	·D··F··L··Y··Y··Y··Y··G··M··D··V··W··G··Q··G··T··T··V··T·	120
DNA:	gtatcctccgcatccactaagggcccggtcgttttcccgctggcaccttcgtgaagagc	420
+1fr:	·V··S··S··A··S··T··K··G··P··S··V··F··P··L··A··P··S··S··K··S·	140
DNA:	acgtccgggggacagccgctgggtgcctcgtgaaggactacttccggagcccgctc	480
+1fr:	·T··S··G··G··T··A··A··L··G··C··L··V··K··D··Y··F··P··E··P··V·	160
DNA:	accgtgtcatggaactcgggcgcgctcacgtccggcgctccacacgttcccgccgtattg	540
+1fr:	·T··V··S··W··N··S··G··A··L··T··S··G··V··H··T··F··P··A··V··L·	180
DNA:	cagagctcgggaactctactcctgagctcggtagtcacgtgcctcctcgagcctcggc	600
+1fr:	·Q··S··S··G··L··Y··S··L··S··S··V··V··T··V··P··S··S··S··L··G·	200
DNA:	accagacctacatctgcaacgtgaaccacaaacccctccaatacgaaggtggacaagcgc	660
+1fr:	·T··Q··T··Y··I··C··N··V··N··H··K··P··S··N··T··K··V··D··K··R·	220
DNA:	gtcgaaccgaagtcgtgcgacaagaccacacgtgcccgccggtgcccggcacccgagctg	720
+1fr:	·V··E··P··K··S··C··D··K··T··H··T··C··P··P··C··P··A··P··E··L·	240
DNA:	ctcggcgggccctcggtcttctgttcccgccgaagcccaaggacaccctgatgatctcg	780
+1fr:	·L··G··G··P··S··V··F··L··F··P··P··K··P··K··D··T··L··M··I··S·	760
DNA:	cgcaccccgagggtcacatgcgtggtcgtggacgtgtcccacgaagaccgggaggtcaag	840
+1fr:	·R··T··V··T··C··V··V··V··D··V··S··H··E··D··P··E··V··K·	280
DNA:	ttcaactggtacgtcgaaggcgtcgaggtccacaacgcgaagaccaagccggcgaggag	900
+1fr:	·F··N··N··Y··D··G··V··E··V··H··N··A··K··T··K··P··R··E··E·	300
DNA:	cagtacaacagcacgtaccgcgtcgtttccgctcctcacgtcttgcaccaggactggctg	960
+1fr:	·Q··Y··R··V··V··S··V··L··T··V··L··H··Q··D··W··L·	320
DNA:	aacggcaaggagtacaagtgtagggtgtccaacaaggccttgccccccccattgagaag	1020
+1fr:	·N··G··K··E··Y··K··C··K··V··S··N··K··A··L··P··A··P··I··E··K·	340
DNA:	accatcagcaaggccaaggccagcccccgagccgcaggtctacaccctgccccgctcg	1080
+1fr:	·T··I··S··K··A··K··G··Q··P··R··E··P··Q··V··Y··T··L··P··P··S·	360
DNA:	cggaagaaatgacgaagaaccaggtctccctgacctgcctcgtcaagggttctaccgc	1140
+1fr:	·R··E··E··M··T··K··N··Q··V··S··L··T··C··L··V··K··G··F··Y··P·	380
DNA:	tccgacatcgcagtgagtgaggagtcgaacggccagcccgagaataactacaagacgacc	1200
+1fr:	·S··D··I··A··V··E··W··E··S··N··G··Q··P··E··N··N··Y··K··T··T·	400
DNA:	ccccagtcctggactccgacggcagcttcttcttactccaagctgacgctgcacaag	1260
+1fr:	·P··P··V··L··D··S··D··G··S··F··F··L··Y··S··K··L··T··V··D··K·	420
DNA:	tccgggtggcagcagggaacgtcttctcgtgctcggtgatgcacgaggcgctgcacaac	1320
+1fr:	·S··R··W··Q··Q··G··N··V··F··S··C··S··V··M··H··E··A··L··H··N·	440
DNA:	cactacaccagaagtccctctcgtgtgcggggcaagtga	1359
+1fr:	·H··Y··T··Q··K··S··L··S··L··S··P··G··K··*	453

Figure 1.

Nucleotide Sequence (SEQ ID NO. 2) and Deduced Amino Acid Sequence (SEQ ID NO. 4) of Pelgifatamab (kappa Light chain cDNA Gene)

DNA: gacatccagatgacccagagccccagctccctgtccgcgtcggtcggagaccgggtcacc	60
+1fr: ·D·I·Q·M·T·Q·S·P·S·S·L·S·A·S·V·G·D·R·V·T·	20
DNA: atcacctgccgcgctcgcagggcatctcgaactacctggcgtgggtaccagcagaagacc	120
+1fr: ·I·T·C·R·A·S·Q·G·I·S·N·Y·L·A·W·Y·Q·Q·K·T·	40
DNA: ggcaaggtgccgaagttccttactctacgaggcctctacgctccagtcgggagtcctcg	180
+1fr: ·G·K·V·P·K·F·L·I·Y·E·A·S·T·L·Q·S·G·V·P·S·	60
DNA: cggttcagcgggggtgggtccgggacccgacttcacgctgaccatctcgagtctccagccg	240
+1fr: ·R·F·S·G·G·G·S·G·T·D·F·T·L·T·I·S·S·L·Q·P·	80
DNA: gaggacgtcgcgacattactgtcagaactacaactcggcccccttcaccttcggcccg	300
+1fr: ·E·D·V·A·T·Y·Y·C·Q·N·Y·N·S·A·P·F·T·F·G·P·	100
DNA: ggcaccaaggtcgacatcaagcgcacgtcgcggcgccgtccgtcttcattcttcccccg	360
+1fr: ·G·T·K·V·D·I·K·R·T·V·A·A·P·S·V·F·I·F·P·P·	120
DNA: tcggacgagcagctcaagtccggcaccgcctcggtcgtgtgcctgtcacaacttctac	420
+1fr: ·S·D·E·Q·L·K·S·G·T·A·S·V·V·C·L·L·N·N·F·Y·	140
DNA: ccccgagaggcaaggtgcagtggaagtcgacaacgcctgcagtcggcaactcgcag	480
+1fr: ·P·R·E·A·K·V·Q·W·K·V·D·N·A·L·Q·S·G·N·S·Q·	160
DNA: gagagcgtcacggagcagacagcaaggacagctacacagcctctcctccaccctgacc	540
+1fr: ·E·S·V·T·E·Q·D·S·K·D·S·T·Y·S·L·S·S·T·L·T·	180
DNA: ctgagtaaagccgactacgagaagcacaaggtgtacgcgtgcgaagtcacccaccagggc	600
+1fr: ·L·S·K·A·D·Y·E·K·H·K·V·Y·A·C·E·V·T·H·Q·G·	200
DNA: ctctcgtccccgtgaccaagtccttcaaccggggcgagtgctga	642
+1fr: ·L·S·S·P·V·T·K·S·F·N·R·G·E·C·*·	214

Figure 2.

Pelgifatamab CDR Heavy Chain Sequences

SEQ ID NO. 5: RYGMH

SEQ ID NO. 6: VIWYDGSNKYYYADSVKG

SEQ ID NO. 7: GGDFLYYYYYGMDV

Pelgifatamab CDR Light Chain Sequences

SEQ ID NO. 8: RASQGISNYLA

SEQ ID NO. 9: EASTLQS

SEQ ID NO. 10: QNYNSAPFT

5

Figure 3.

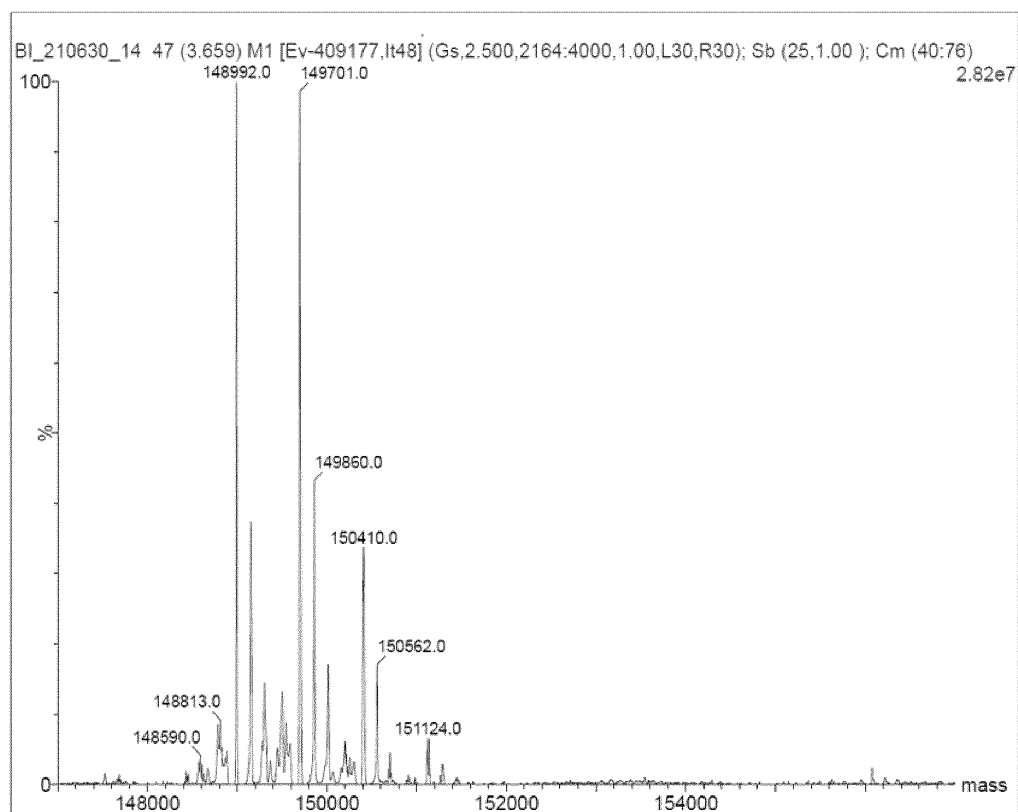


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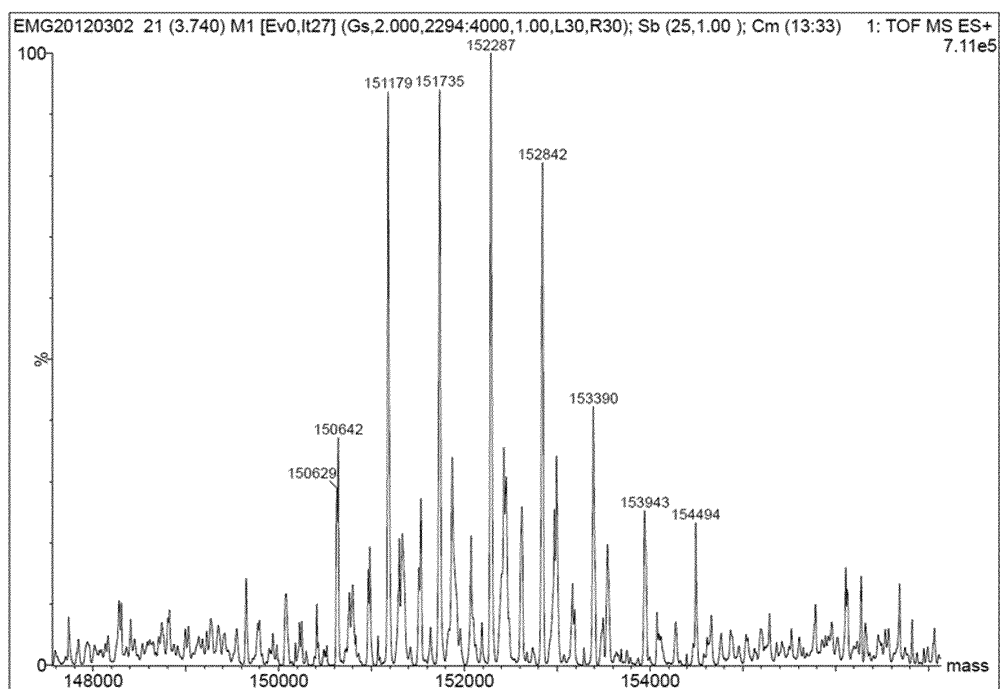


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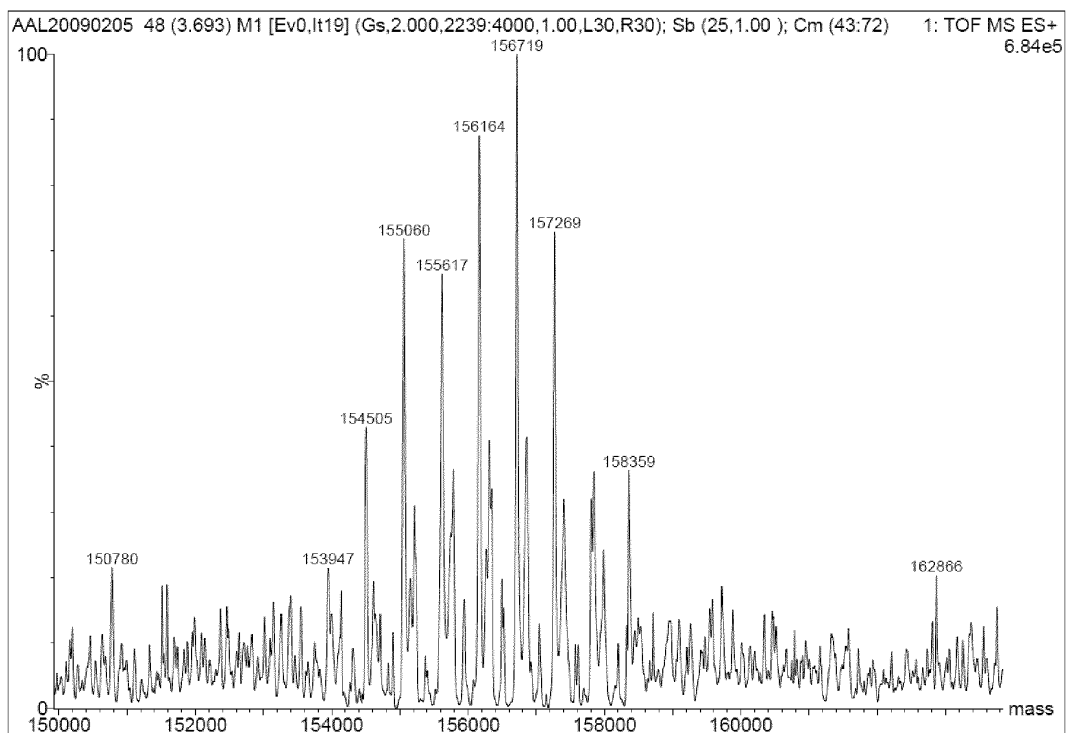


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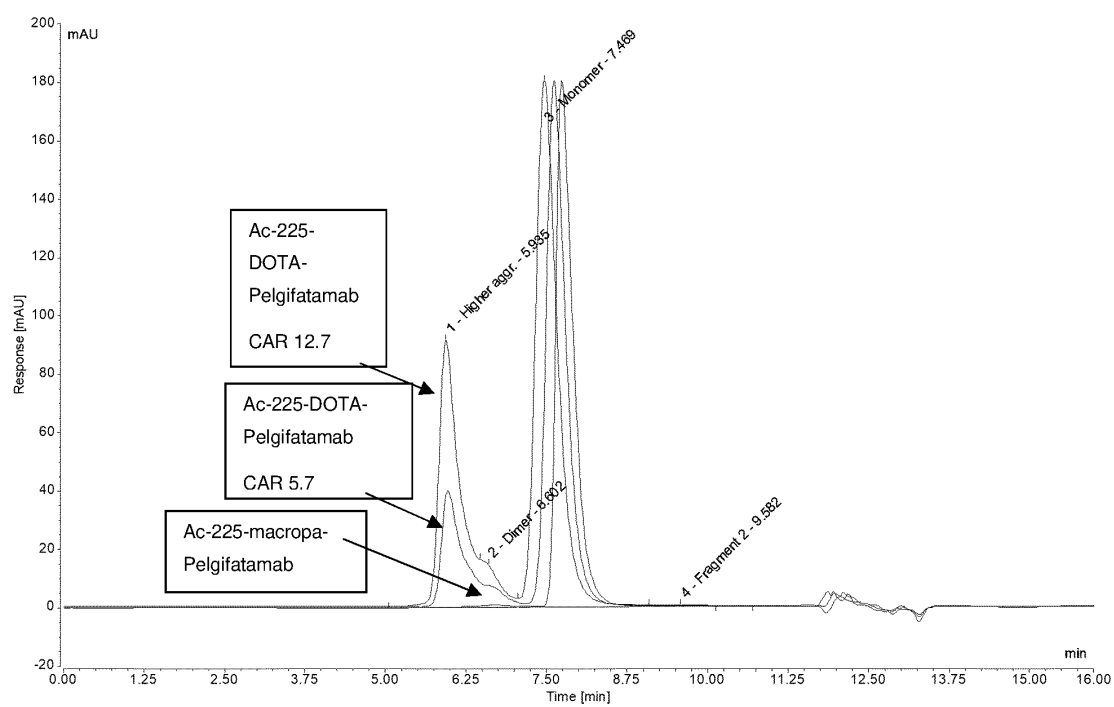


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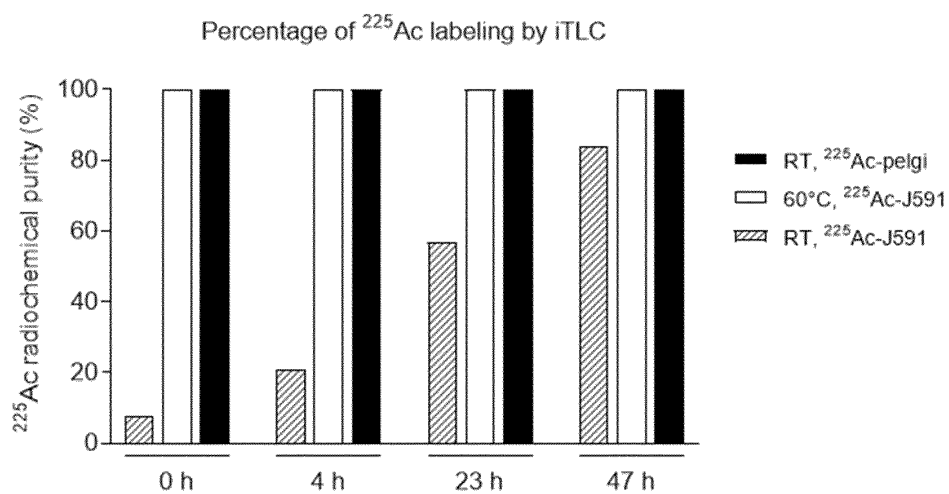


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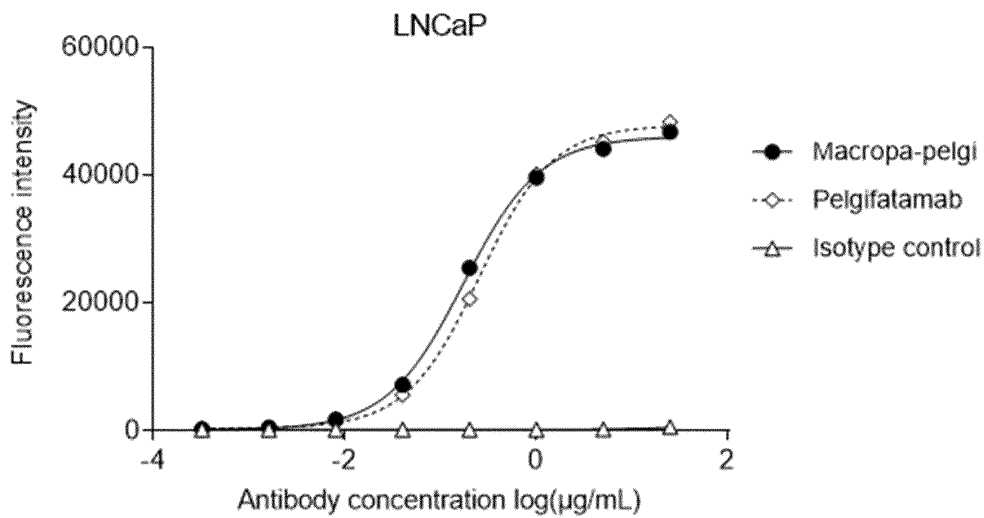


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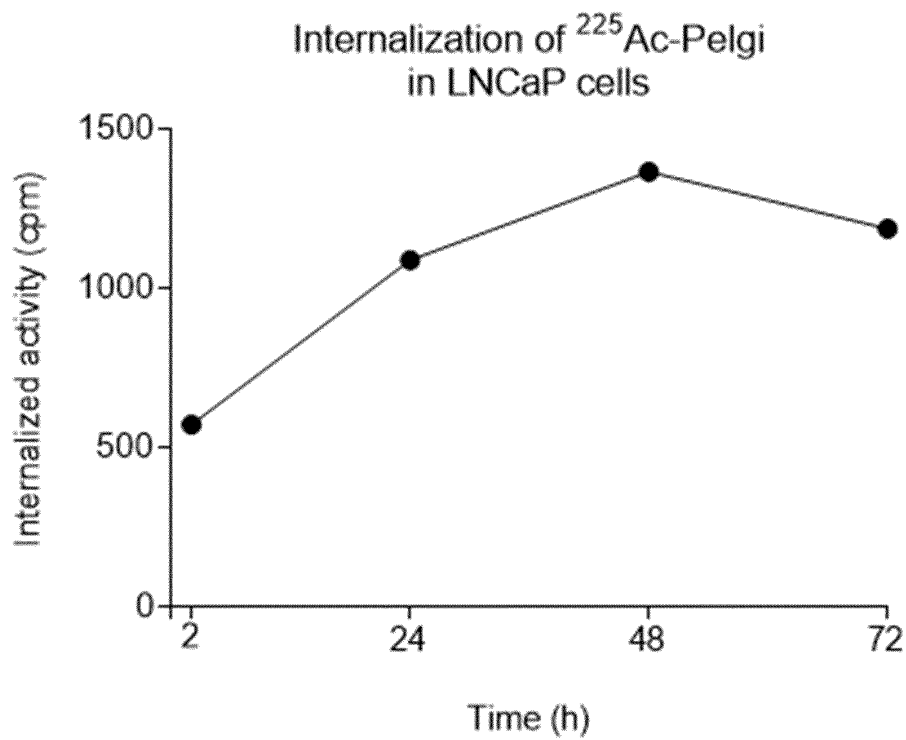


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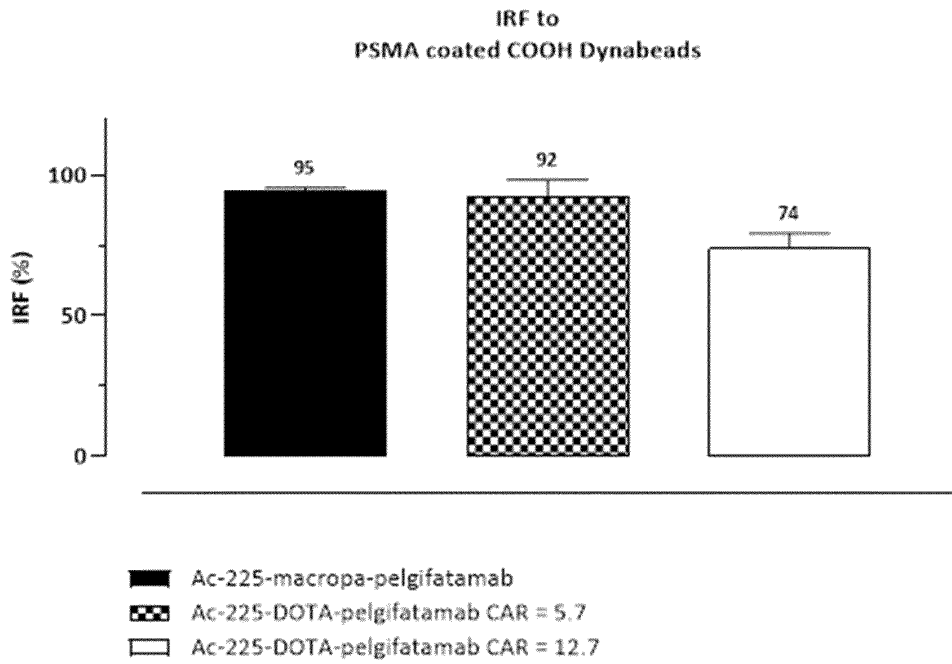


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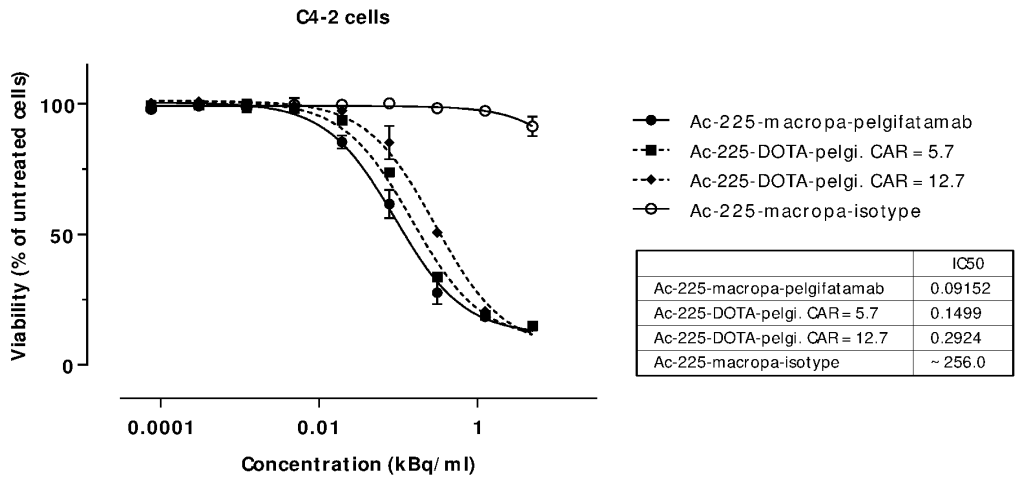


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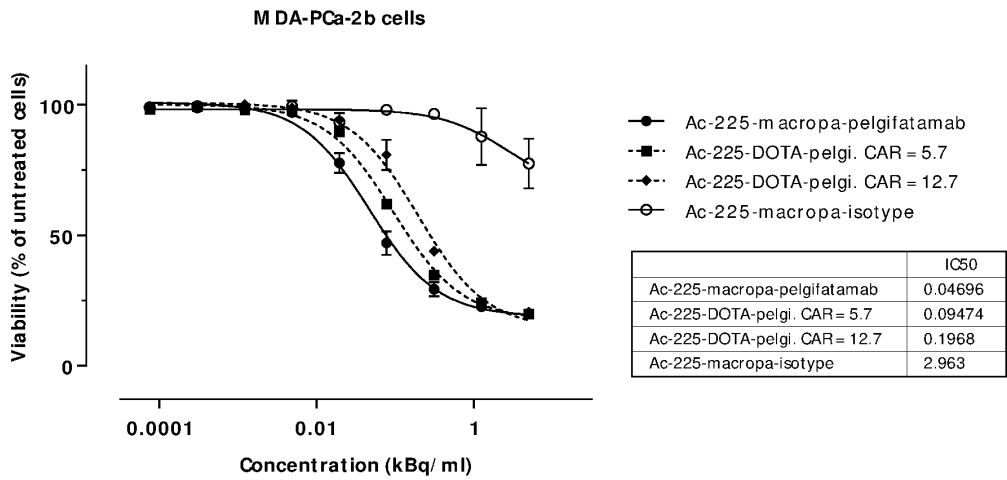


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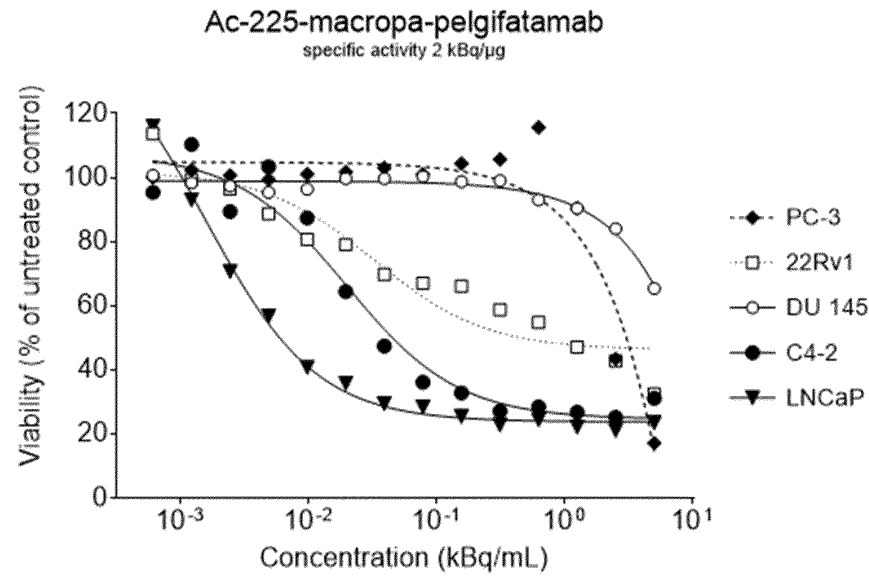


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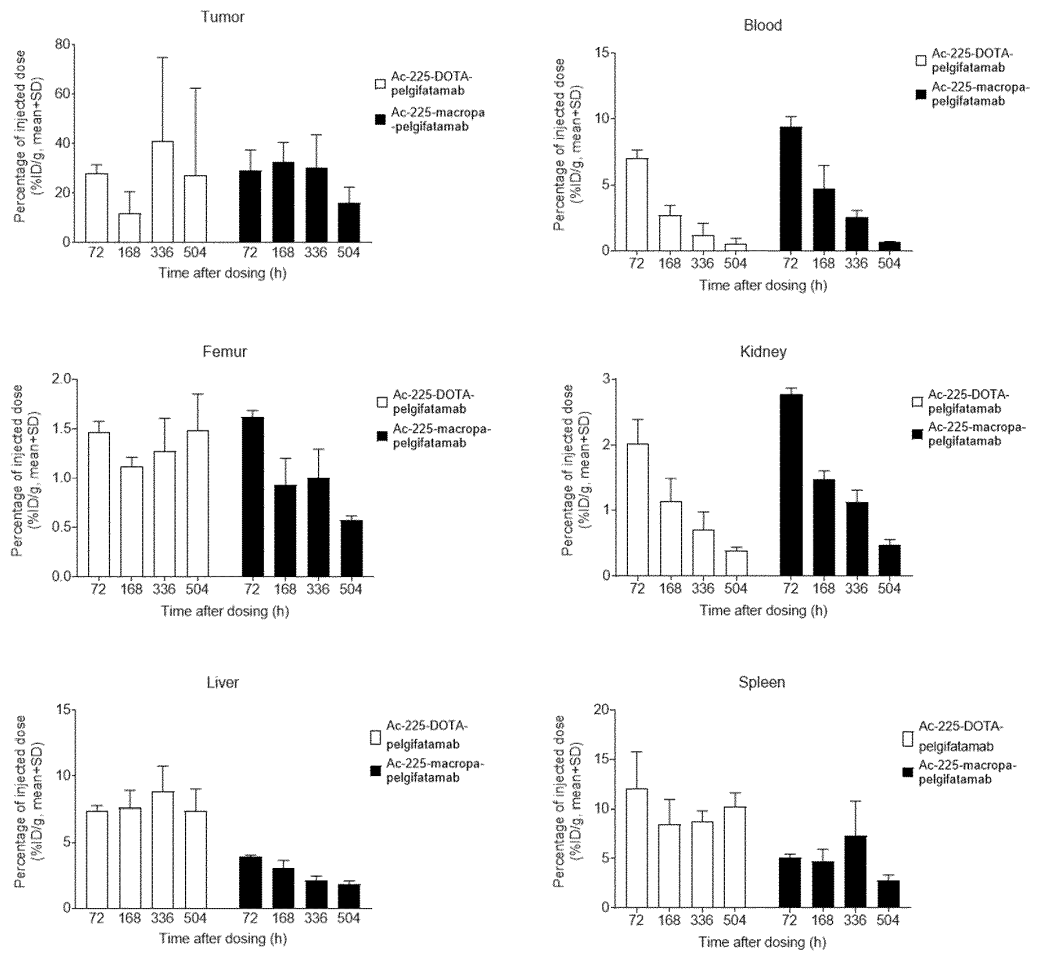


Figure 15.

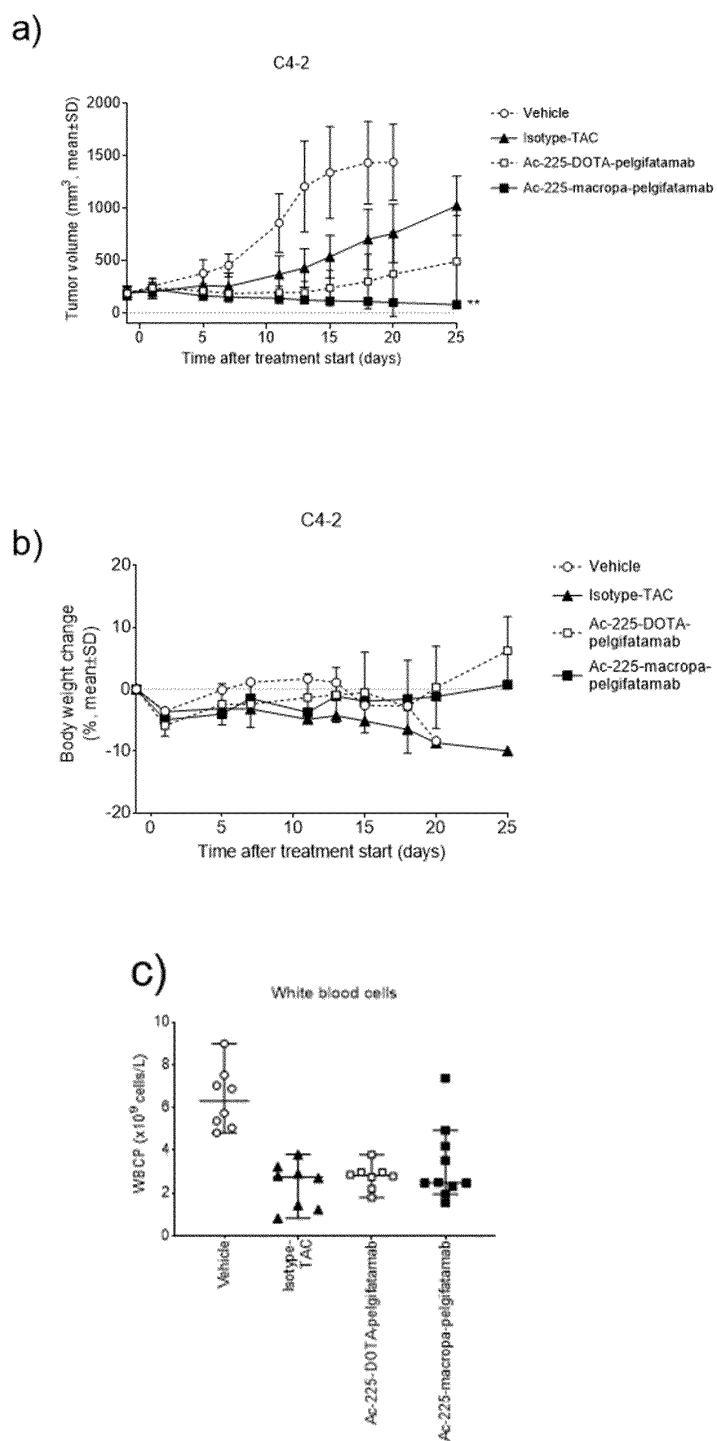


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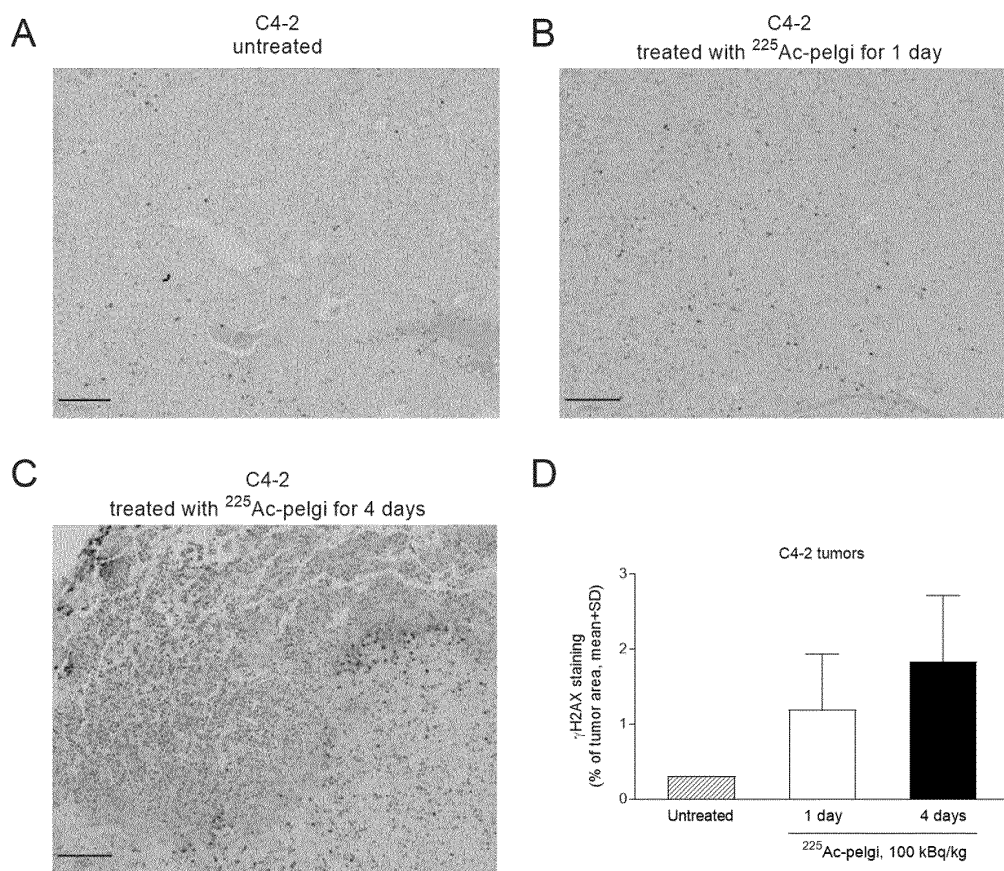


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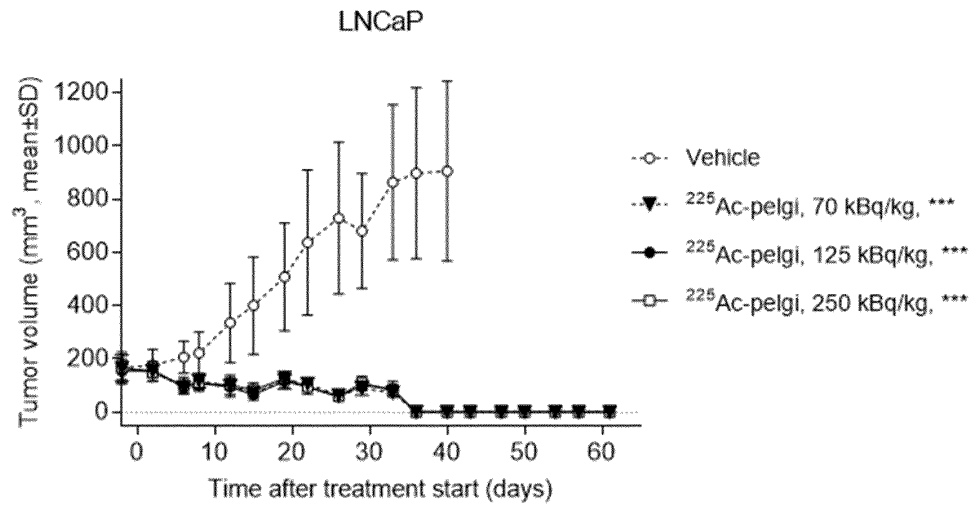


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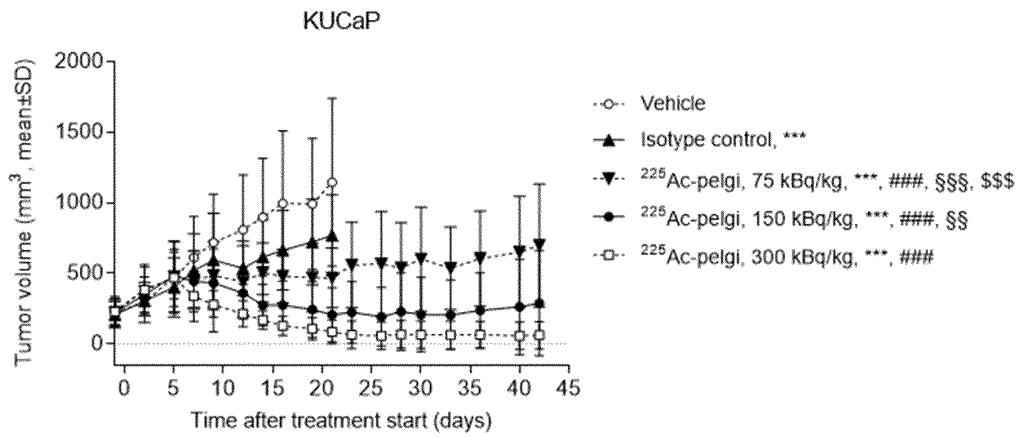


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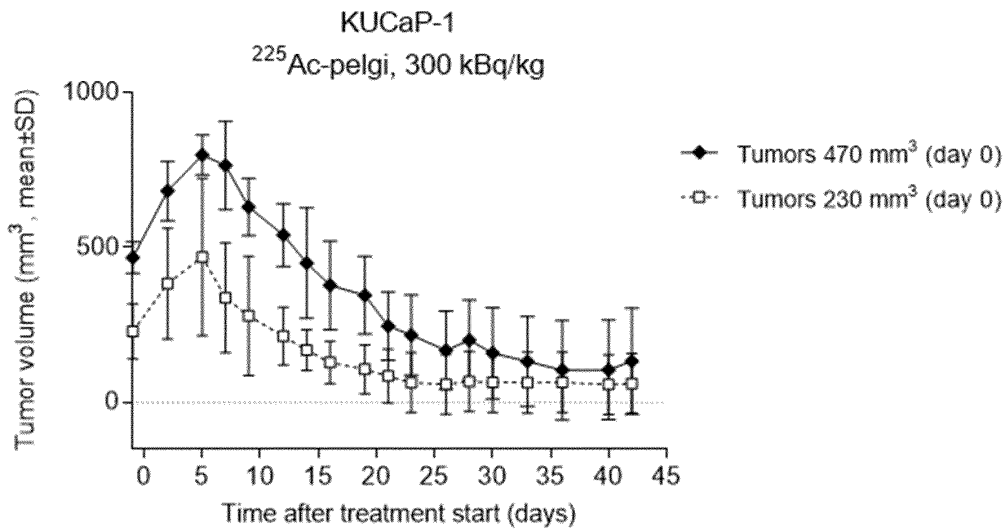


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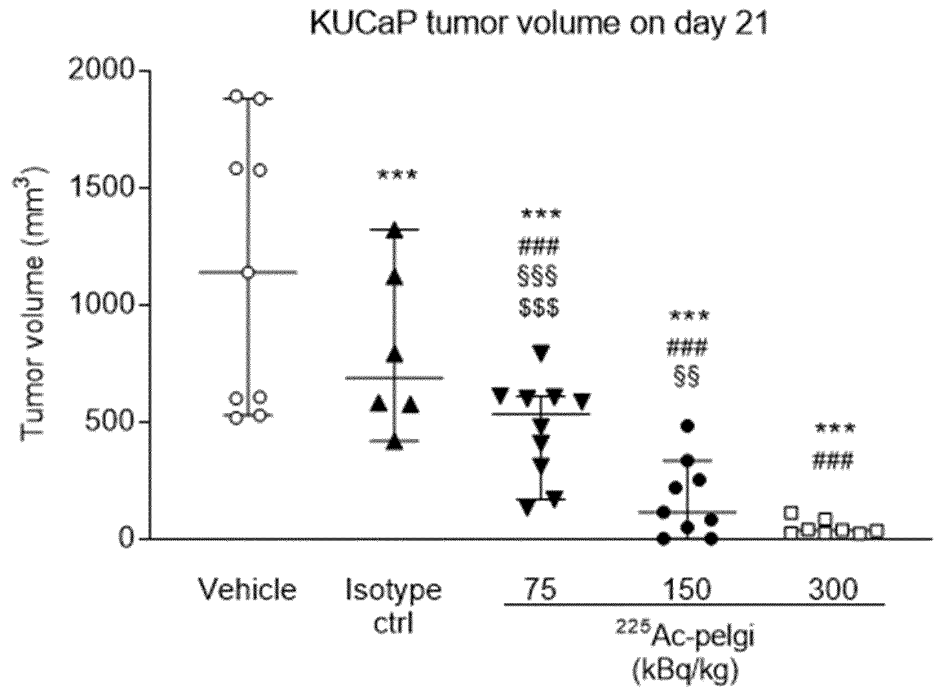


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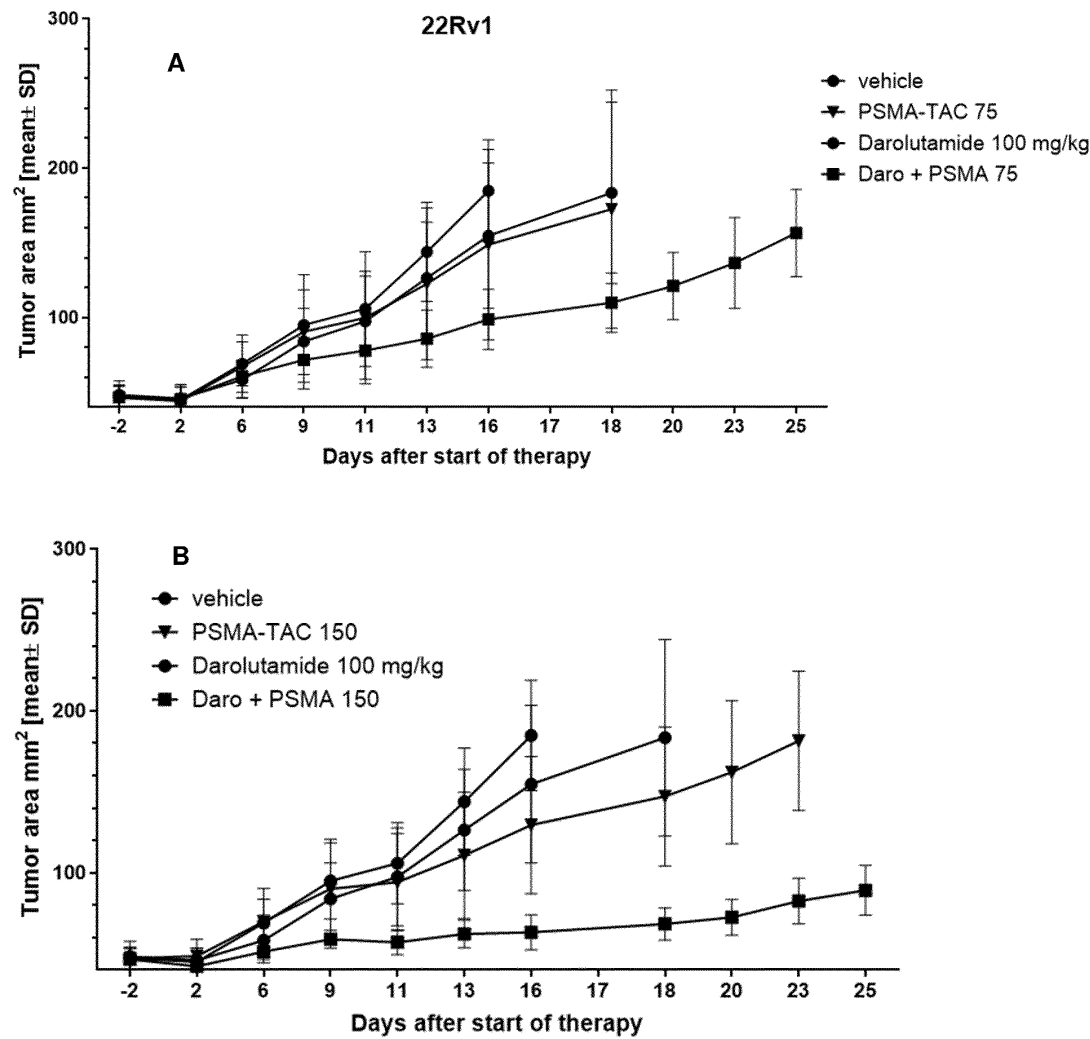
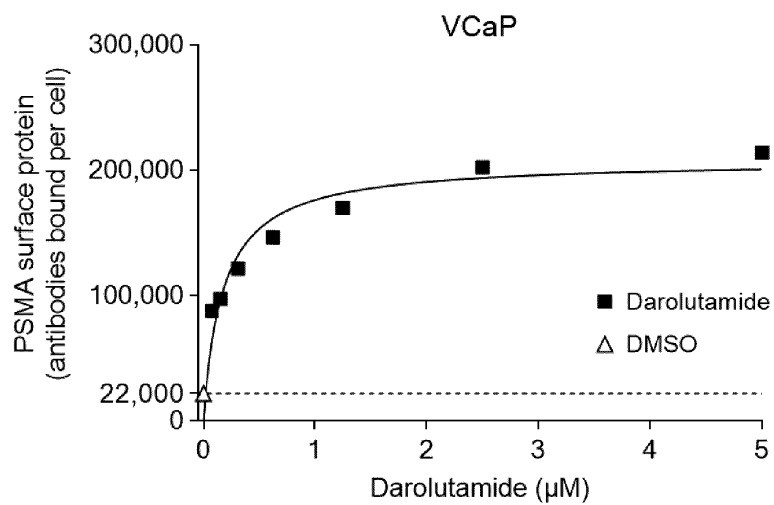


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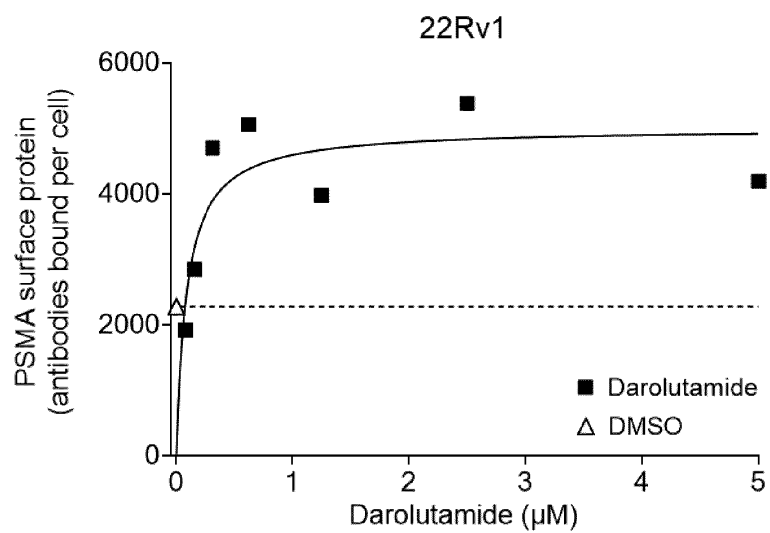
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10

A

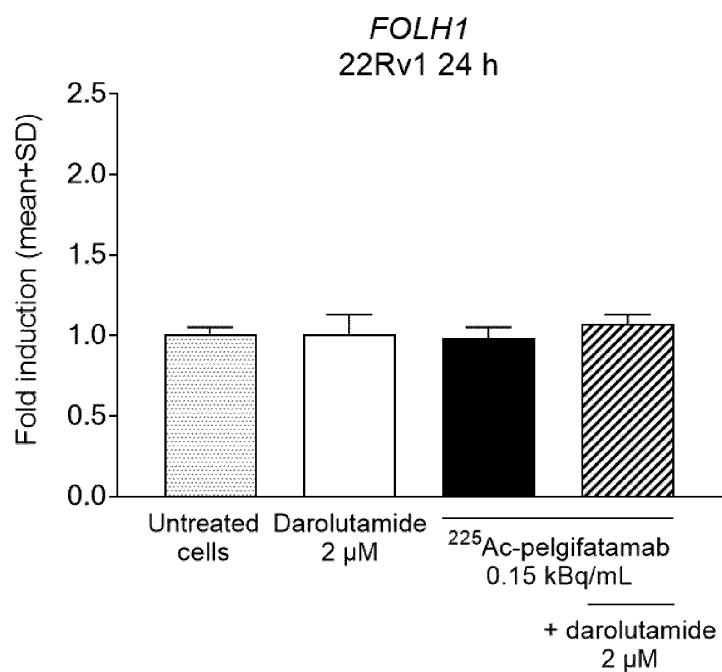


B

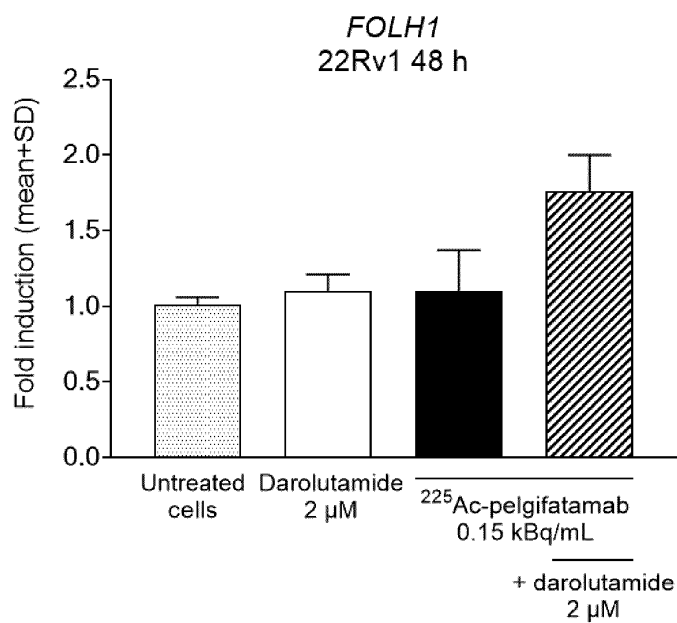


5 Figure 23.

C

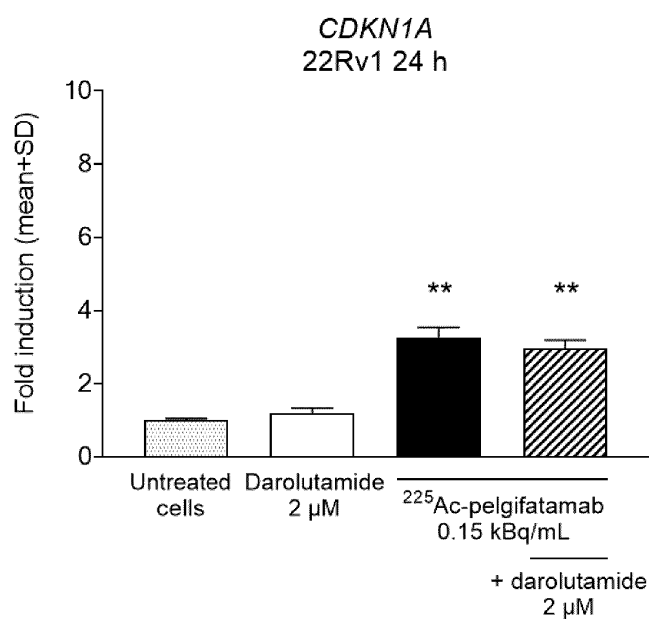


D

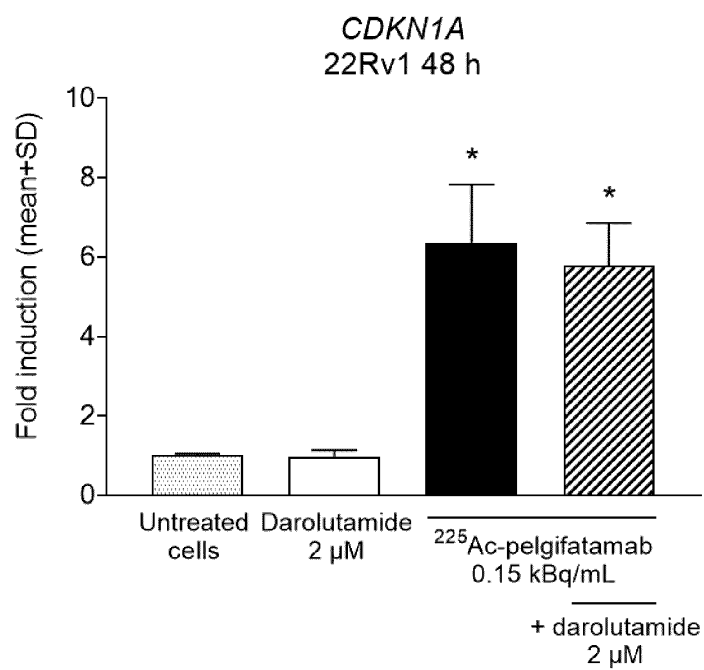


5 Figure 23 (continued).

E

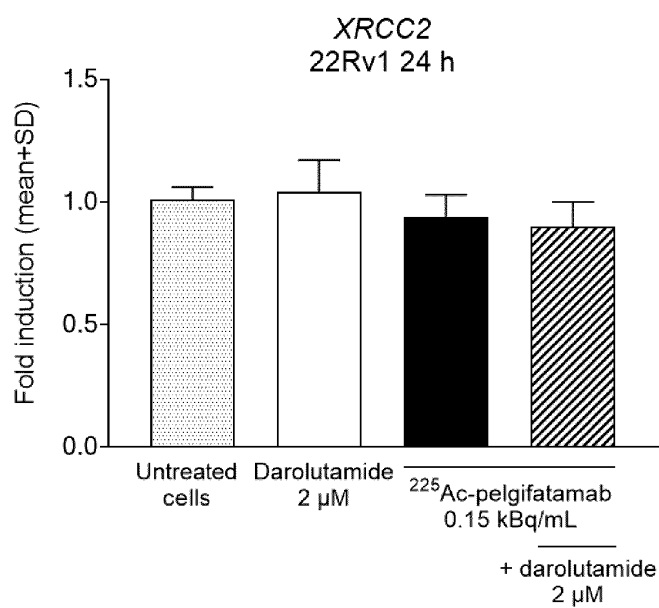


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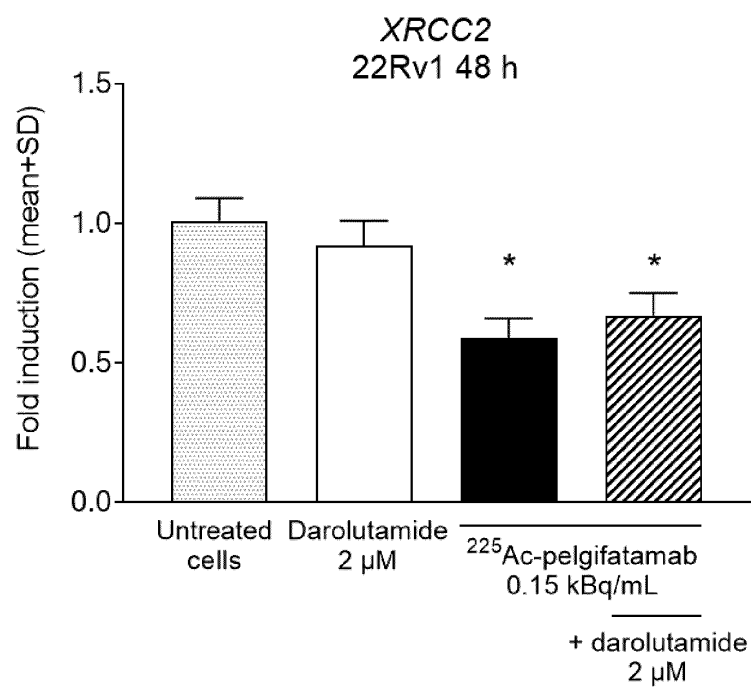


5 Figure 23 (continued).

G

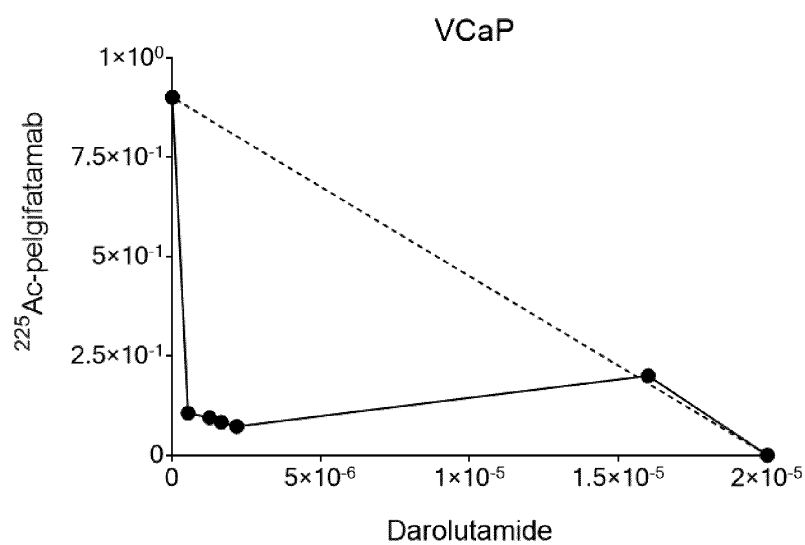


H

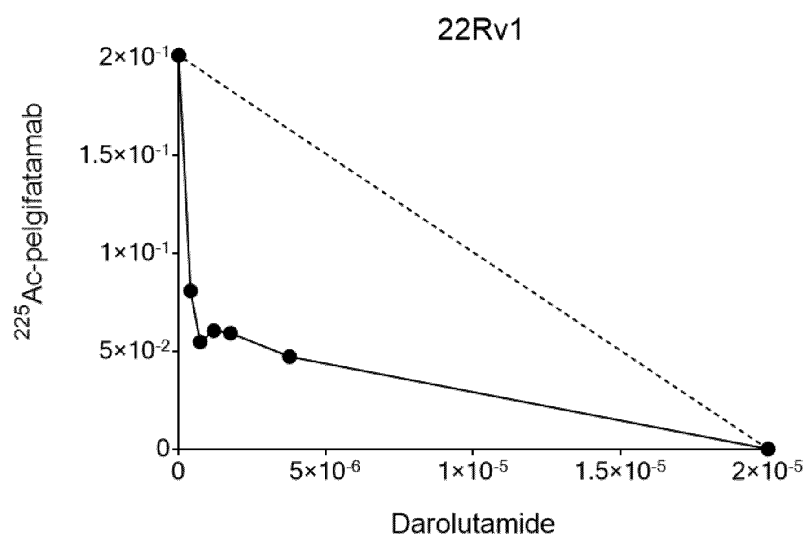


5 Figure 23 (continued).

I



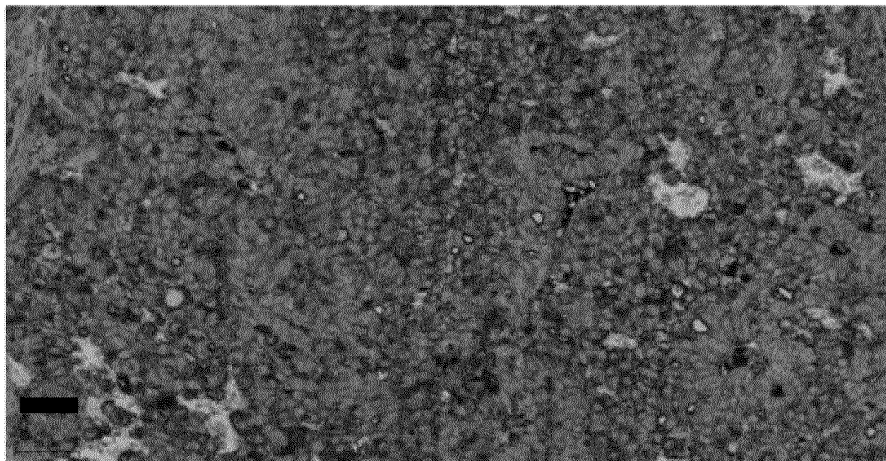
J



5

Figure 23 (continued).

A



5 B

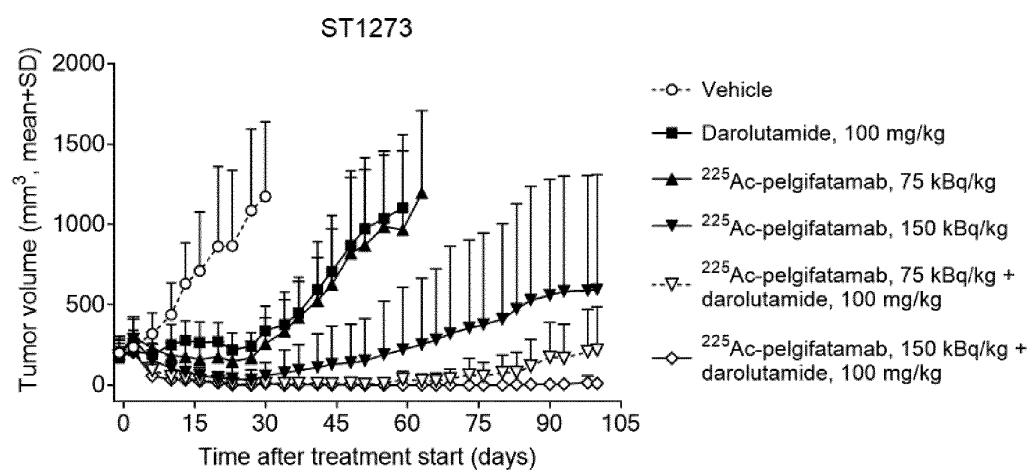
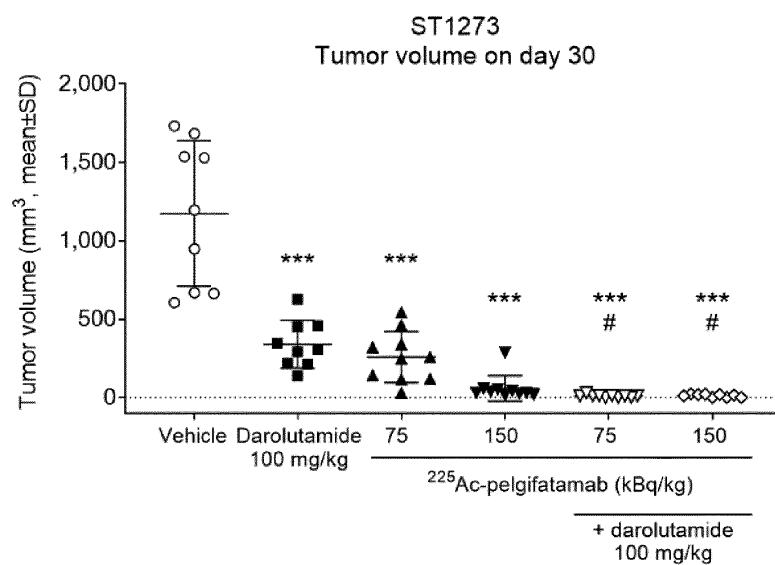
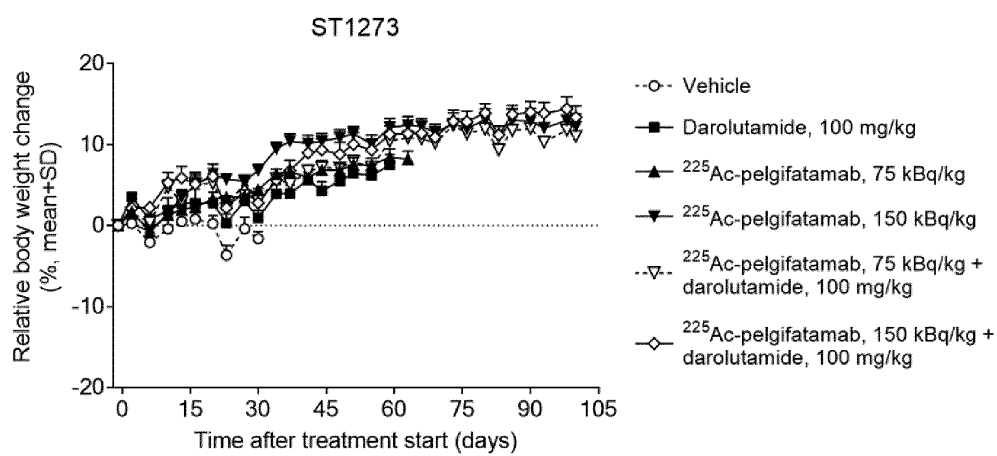


Figure 24.

C



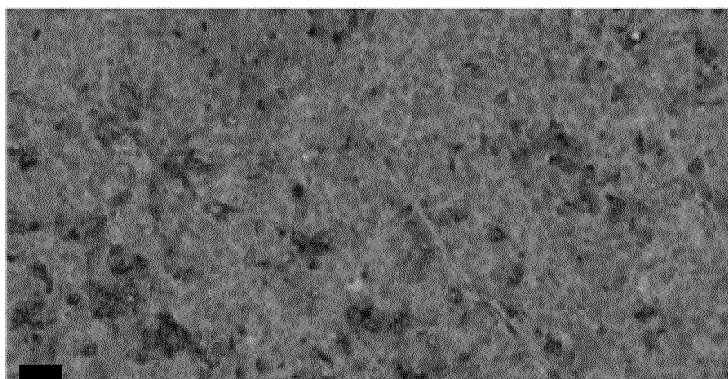
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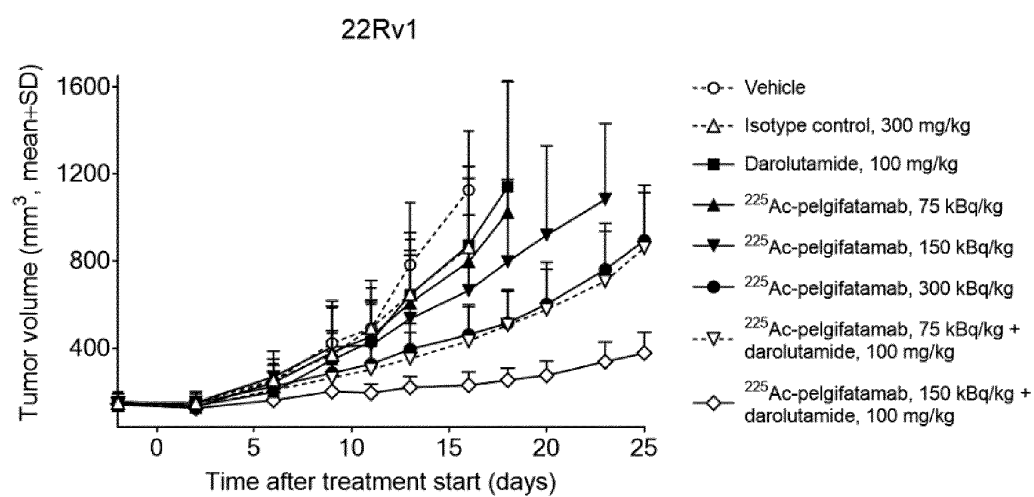
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Figure 24 (continued).

A

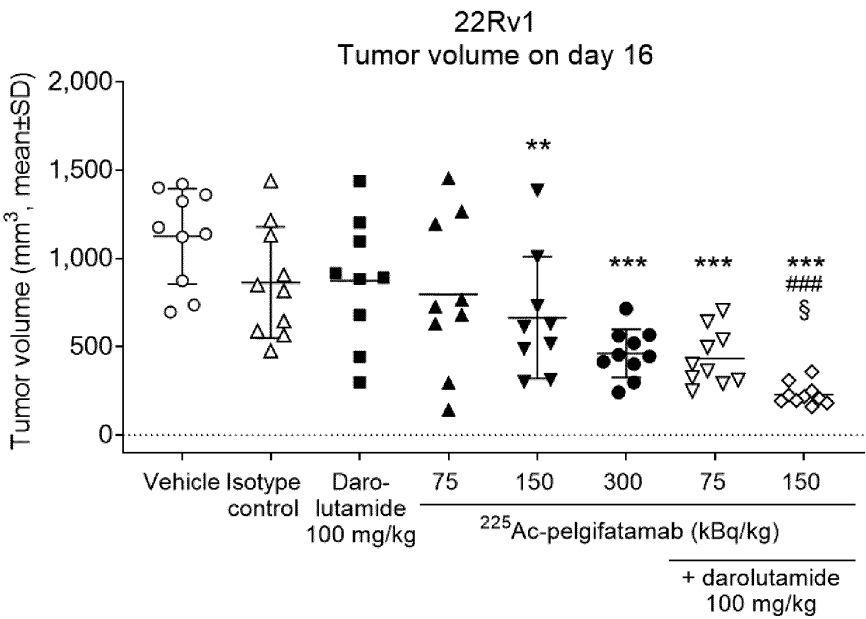


B

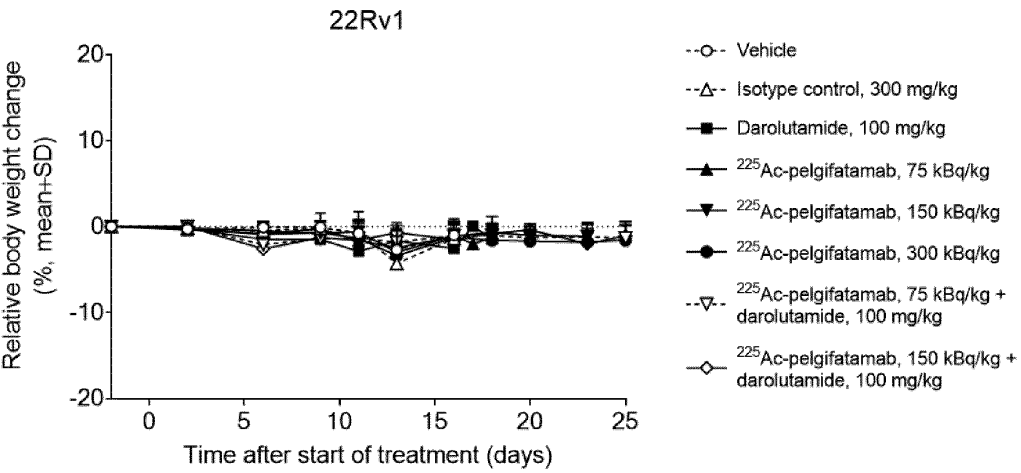


5 Figure 25.

C



D



5 Figure 25 (continued).

E

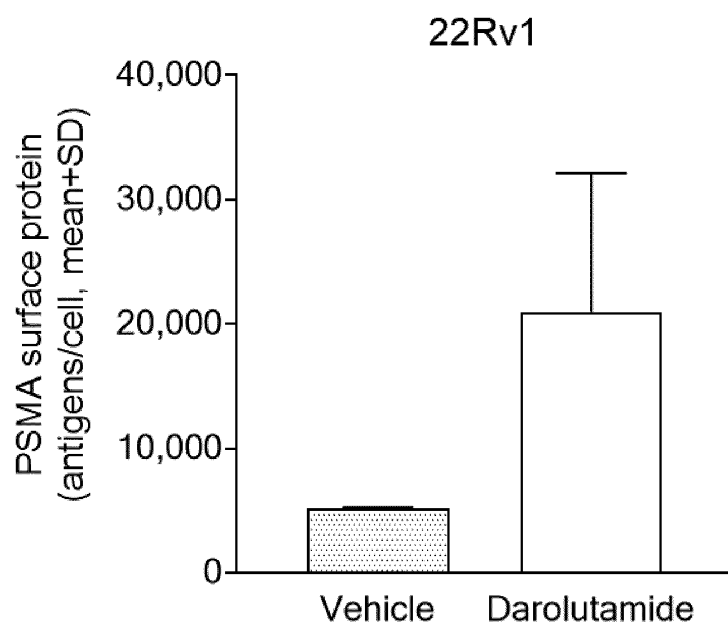
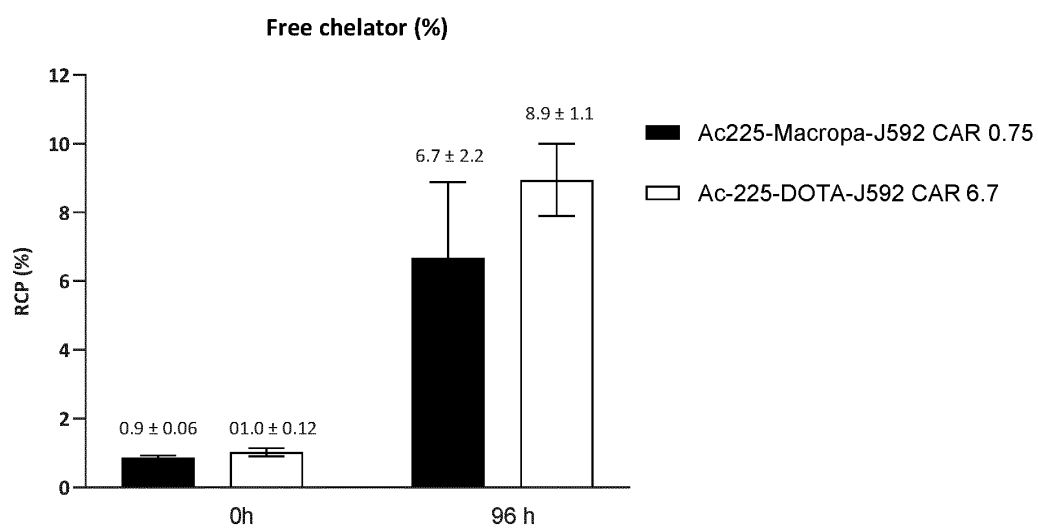


Figure 25 (continued).



5 Figure 26.