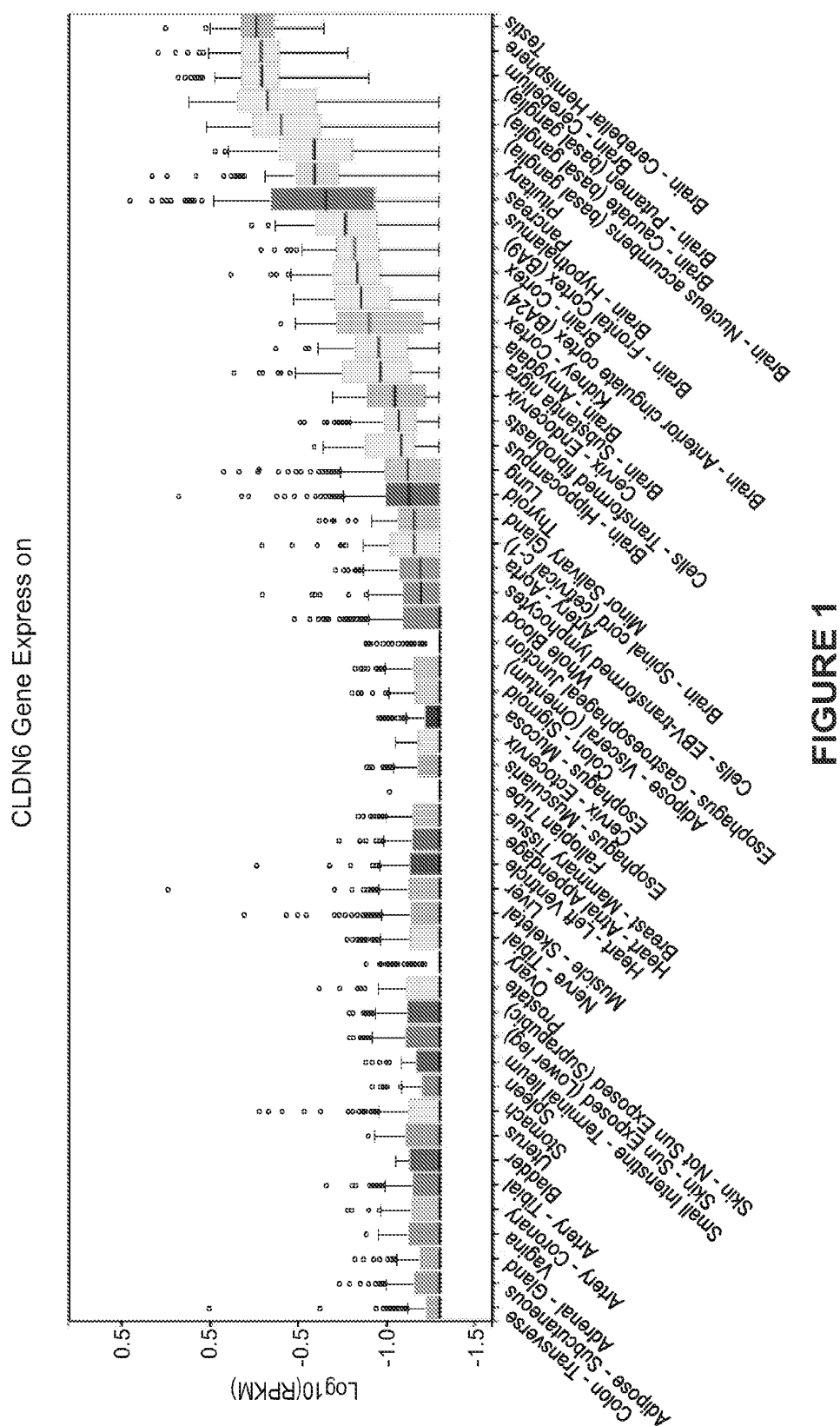
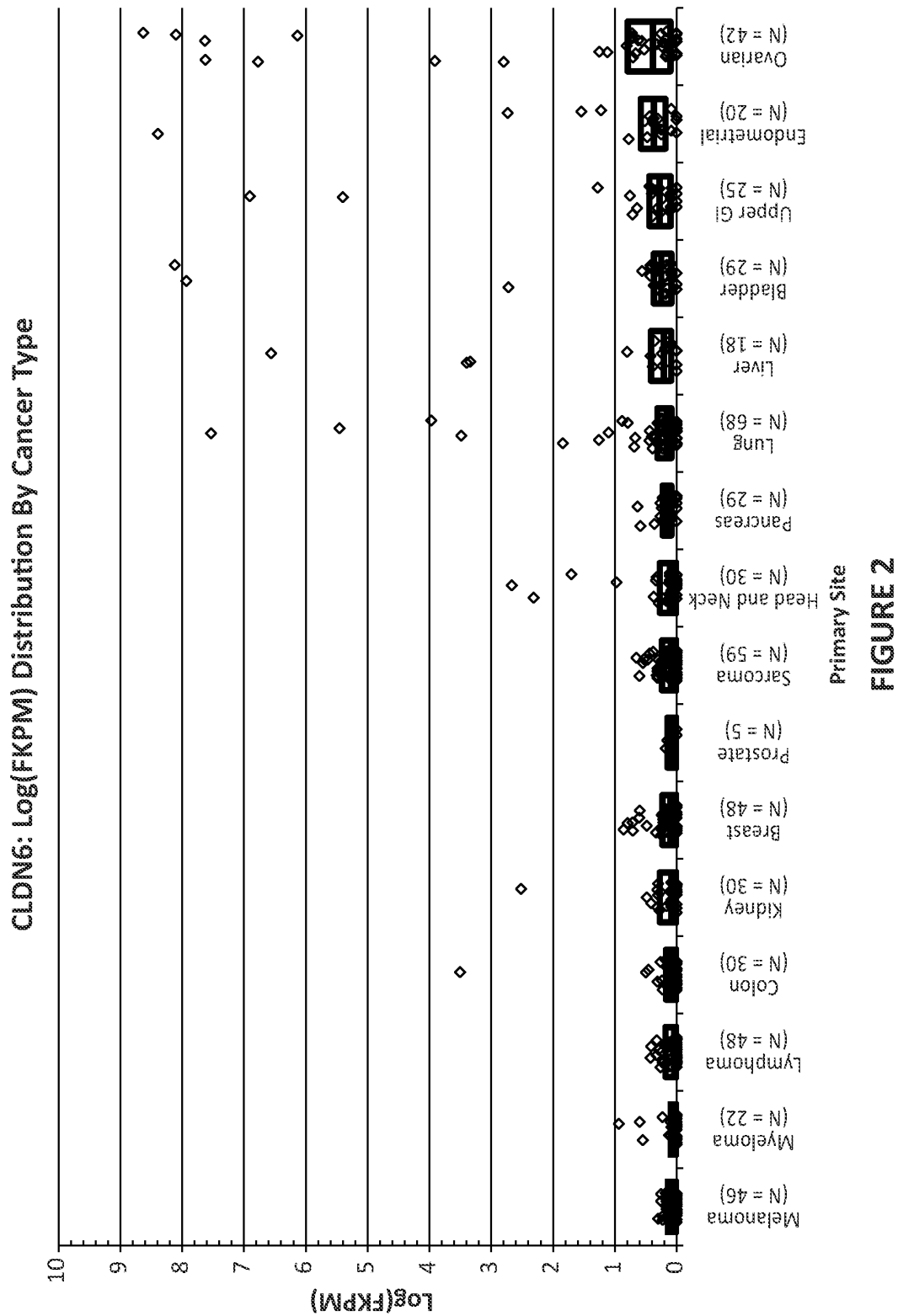
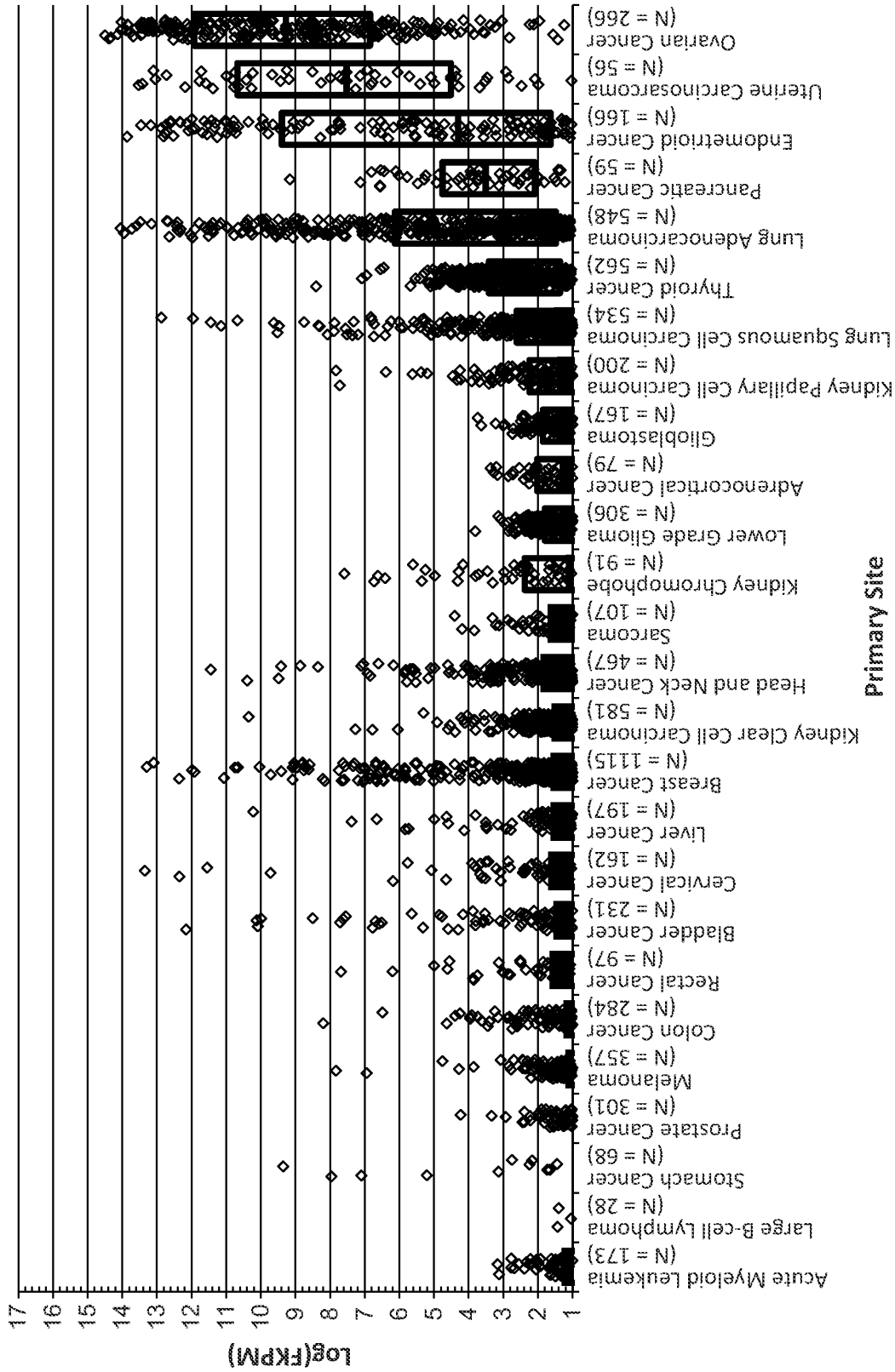








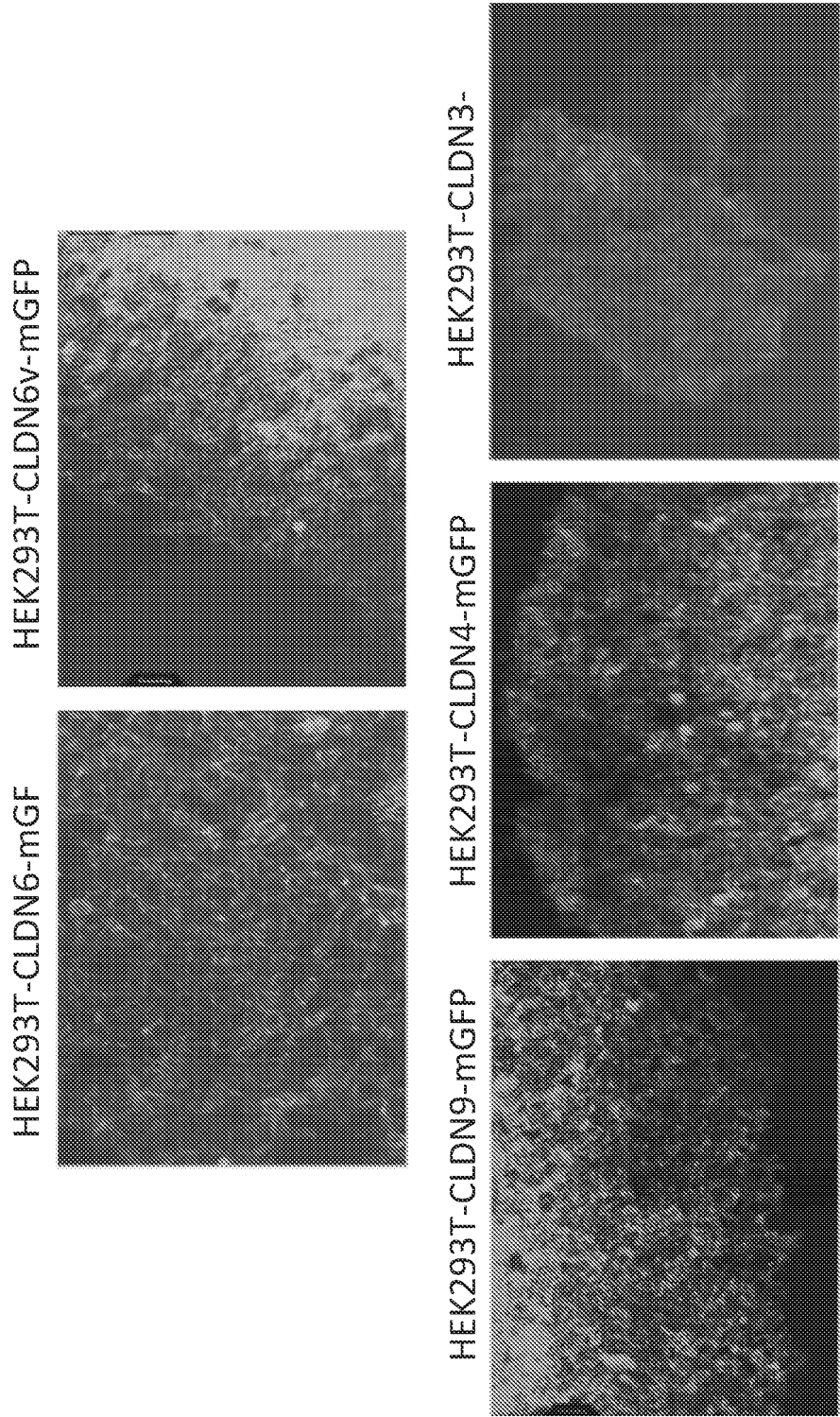


FIGURE 4

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SP|P56747|CLD6_HUMAN MASAGMQLLEVVLTLLGTVNGLVSCALPMKKVTAFIGNSIVVAQYVWEGLMNMCYVQSTG 60
SP|O15551|CLD3_HUMAN -MMMELELTGTALAVLGNLGITIVCCALPMHEVHTAFIGSNIITSQNIWEGLMNMCYVQSTG 59
SP|O14493|CLD4_HUMAN MMAMGLQVMGIALAVLGNLAYMLCCALPMHEVHTAFIGSNIVTSQTIWEGLMNMCYVQSTG 60
SP|O95484|CLD9_HUMAN MASTGLELLGNTLAFLVNLGSLTGVSCALPLMKVTAFIIGNSVIVAQYVWEGLMNMCYVQSTG 60
SP|Q9Z262|CLD6_MOUSE MASTGLQLILGIIVLTLLGVNALVSCALPMKVTAFIIGNSVIVAQMTEWEGLMNMCYVQSTG 60

      * *:; : * .*:;***; :;.*****;*:;*****.*.:* ;+++++.*****

SP|P56747|CLD6_HUMAN QMDCKVYDSLLALPDQIQAAARALCVIALLVALLVALFGLLVYLACRACTTCVEEDSKASRLVLT 120
SP|O15551|CLD3_HUMAN QMDCKVYDSLLALPDQIQAAARALIVVAIIAARFGLLVALLVALVGRACCTNCVQNDTAKARITIV 119
SP|O14493|CLD4_HUMAN QMDCKVYDSLLALPDQIQAAARALVIISIIVAAAGVLLGVVGGACTWCLENESAKAKTMIV 120
SP|O95484|CLD9_HUMAN QMDCKVYDSLLALPDQIQAAARALCVIAMLLALHGLIAVITGAOCTTCVEDEGAKARIVLT 120
SP|Q9Z262|CLD6_MOUSE QMDCKVYDSLLALPDQIQAAARALCVVTLIVLIHGLIAVITGAOACTTCVEDENKSKSRIVLI 120

      ***** : : : : . *:; : * .*:;***; :;.*****;*:;*****.*.:* ;+++++.*****

SP|P56747|CLD6_HUMAN SGIVFVIGISVLTLPVCTAHRIIRLVFNPLVADAKRELCASLYVLGNAAASGLILLGGGL 180
SP|O15551|CLD3_HUMAN AGVLFLLAALLTLVPVCGSANTIIIRDFTYMPVVEEAQRERKAGSLVVGNAAPALQLLOGCAL 179
SP|O14493|CLD4_HUMAN AGVVFLLAGLMVIPVCGVTAHNIIQDFYNPLVADGQQRERKASLYVGNAAPSGILLLOGGL 180
SP|O95484|CLD9_HUMAN AGVILLIAGILVLIIPVCTAHRIIQDFYNPLVADAKRELCAVLYVLGNAAANLLMLGGGL 180
SP|Q9Z262|CLD6_MOUSE SGIIFVVISGWLTLPVCTAHRIIQDFYNPLVADAKRELCAVLYVLGNAAASGLILLGGGL 180

      *: : : : : .*:; : * .*:;***; :;.*****;*:;*****.*.:* ;+++++.*****

SP|P56747|CLD6_HUMAN LOCTCPRGGSQGFSHYMARYSTRAPA--ISRGESEYPTKNYV 220
SP|O15551|CLD3_HUMAN LDCSCFPPEAK-YTATKVYSAPRSTGPGASLGSDGYDRKDYY 220
SP|O14493|CLD4_HUMAN LDCNCPPRTDK-PYSAR--YSAARSAAASH-----YV 209
SP|O95484|CLD9_HUMAN LOCTCFFPQVERPRSPRLGYRIPS-----RSGAGLDARDYY 217
SP|Q9Z262|CLD6_MOUSE LDCRCSSGCTQCPRHYMACYSTETVFH---SRGCESEYPTKNYV 319

      *** * * * * **

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CLD6_HUMAN=SEQ ID NO:1
CLD3_HUMAN=SEQ ID NO:5
CLD4_HUMAN=SEQ ID NO:6
CLD9_HUMAN=SEQ ID NO:7
CLD6_MOUSE=SEQ ID NO:176

FIGURE 5

FIGURE 6B

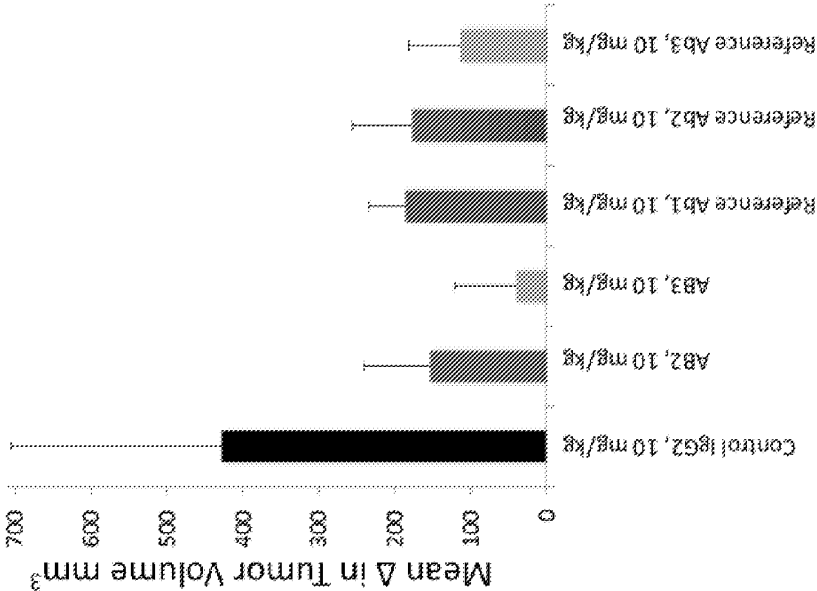
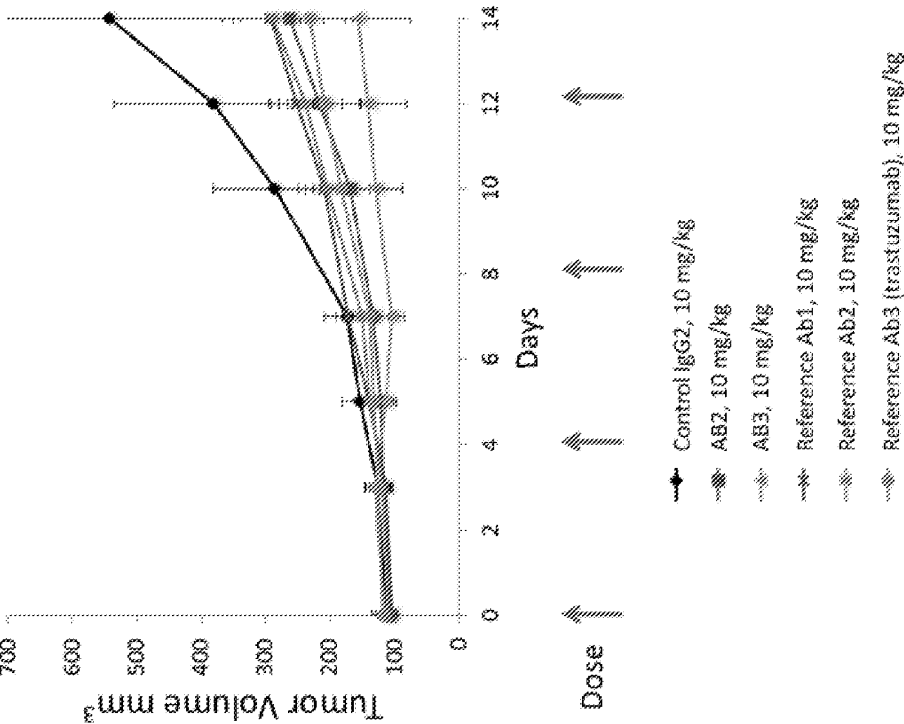


FIGURE 6A



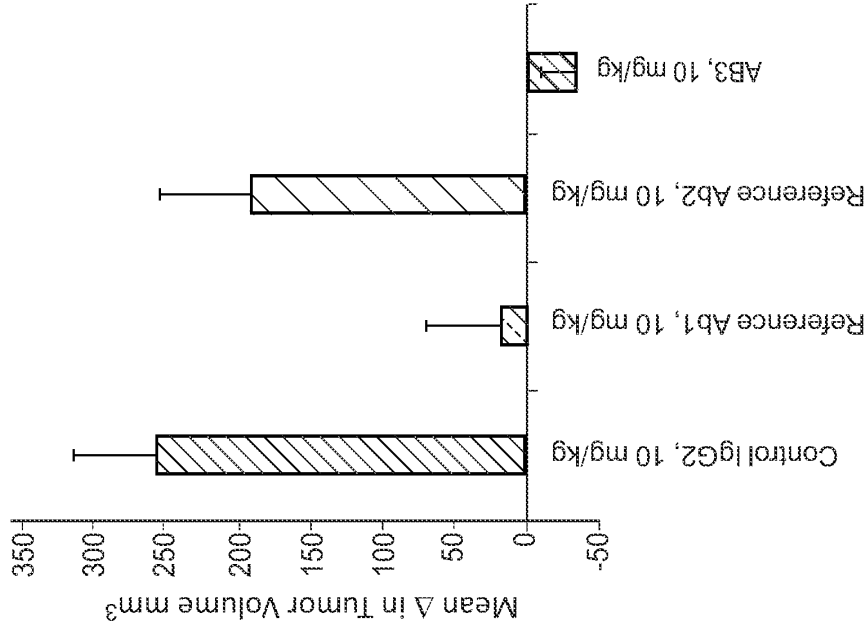


FIGURE 7B

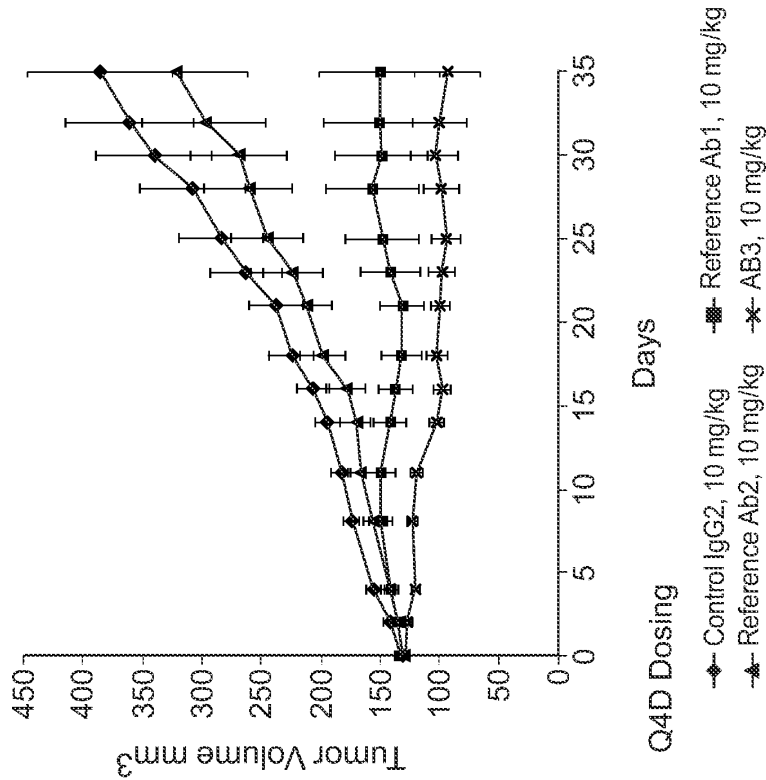


FIGURE 7A

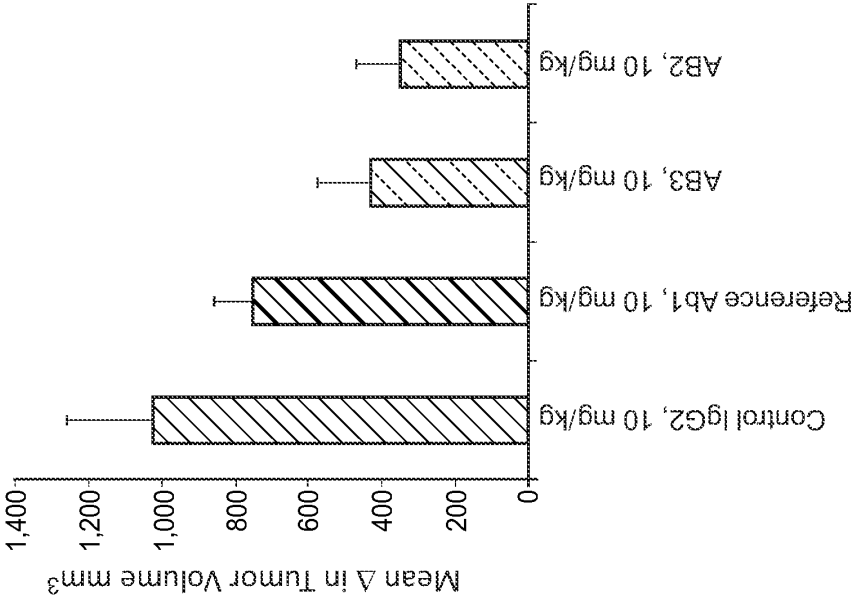


FIGURE 8B

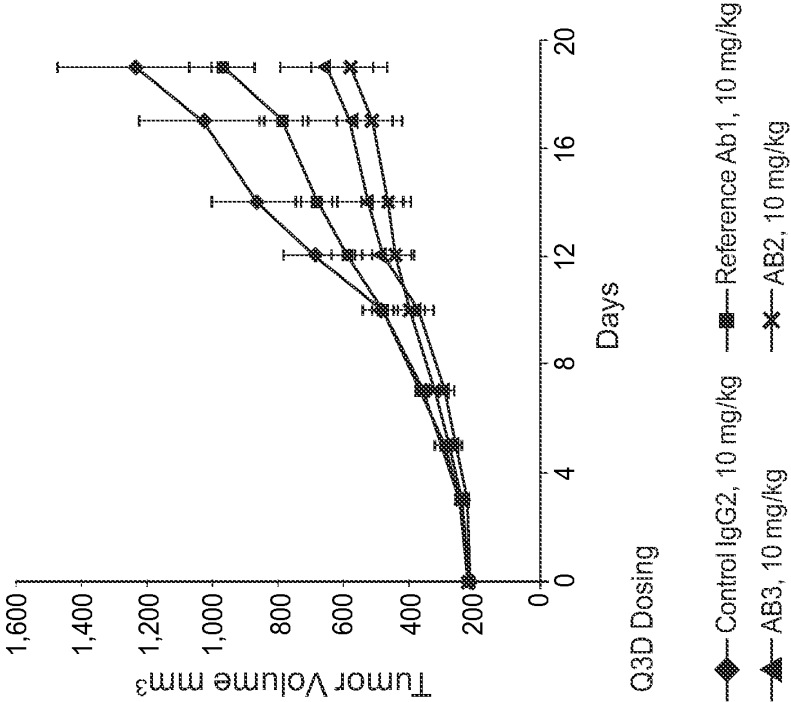
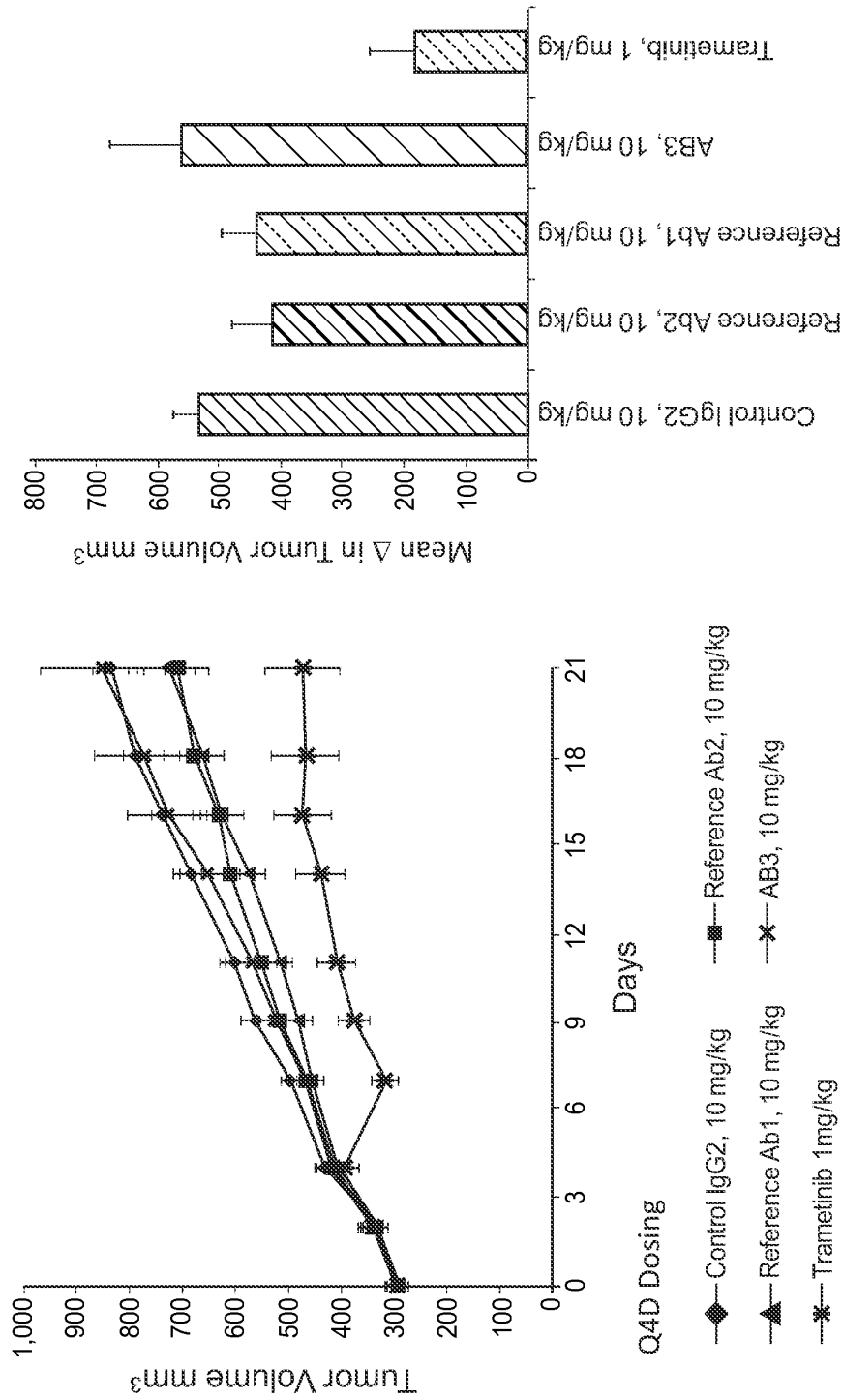


FIGURE 8A



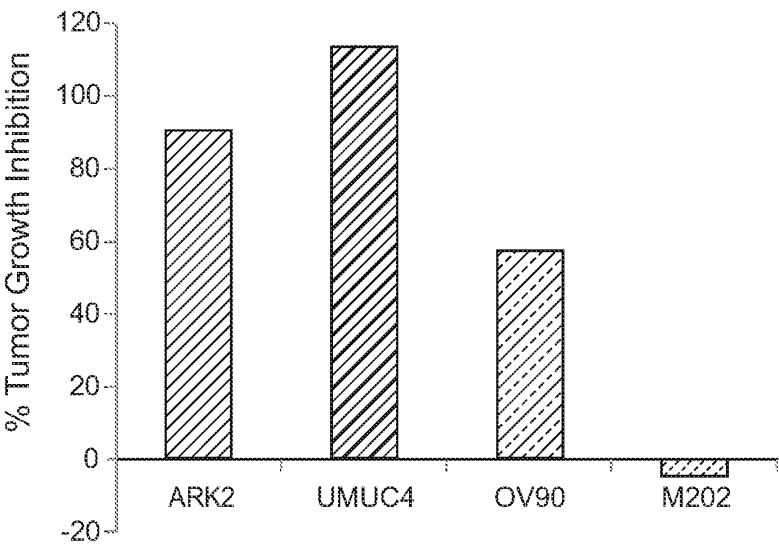


FIGURE 10A

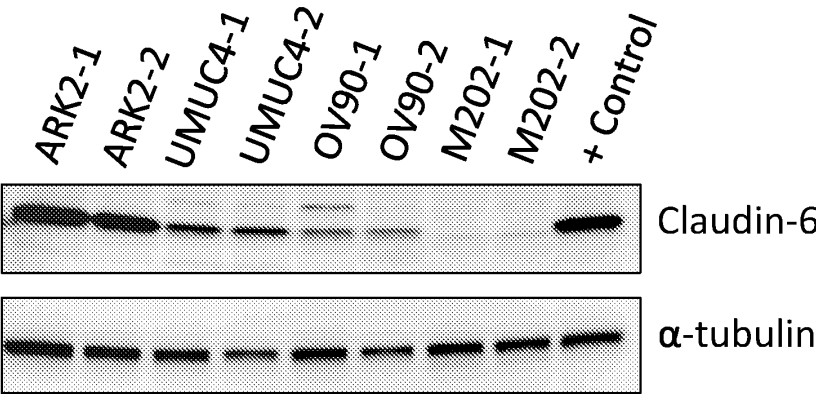
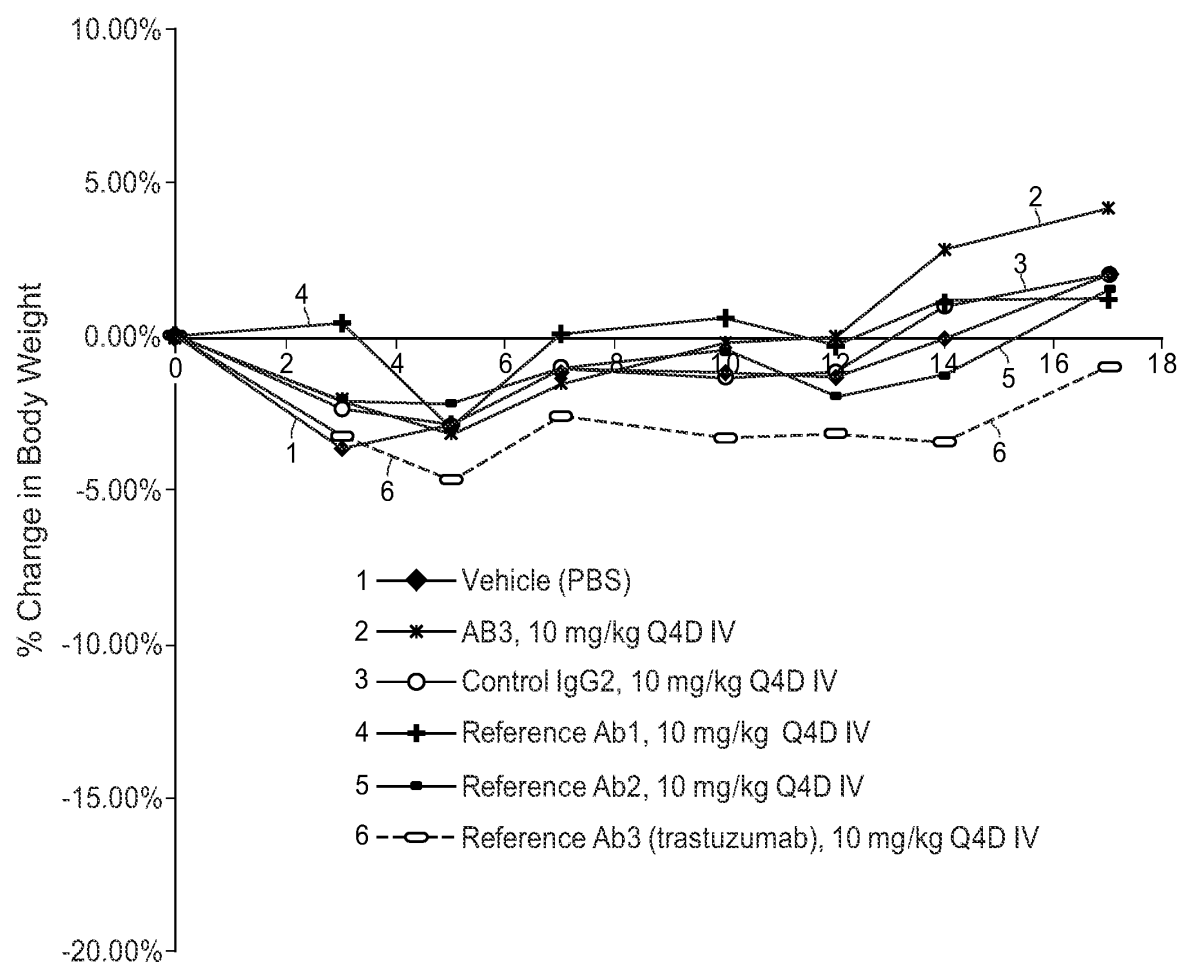


FIGURE 10B

**FIGURE 11**

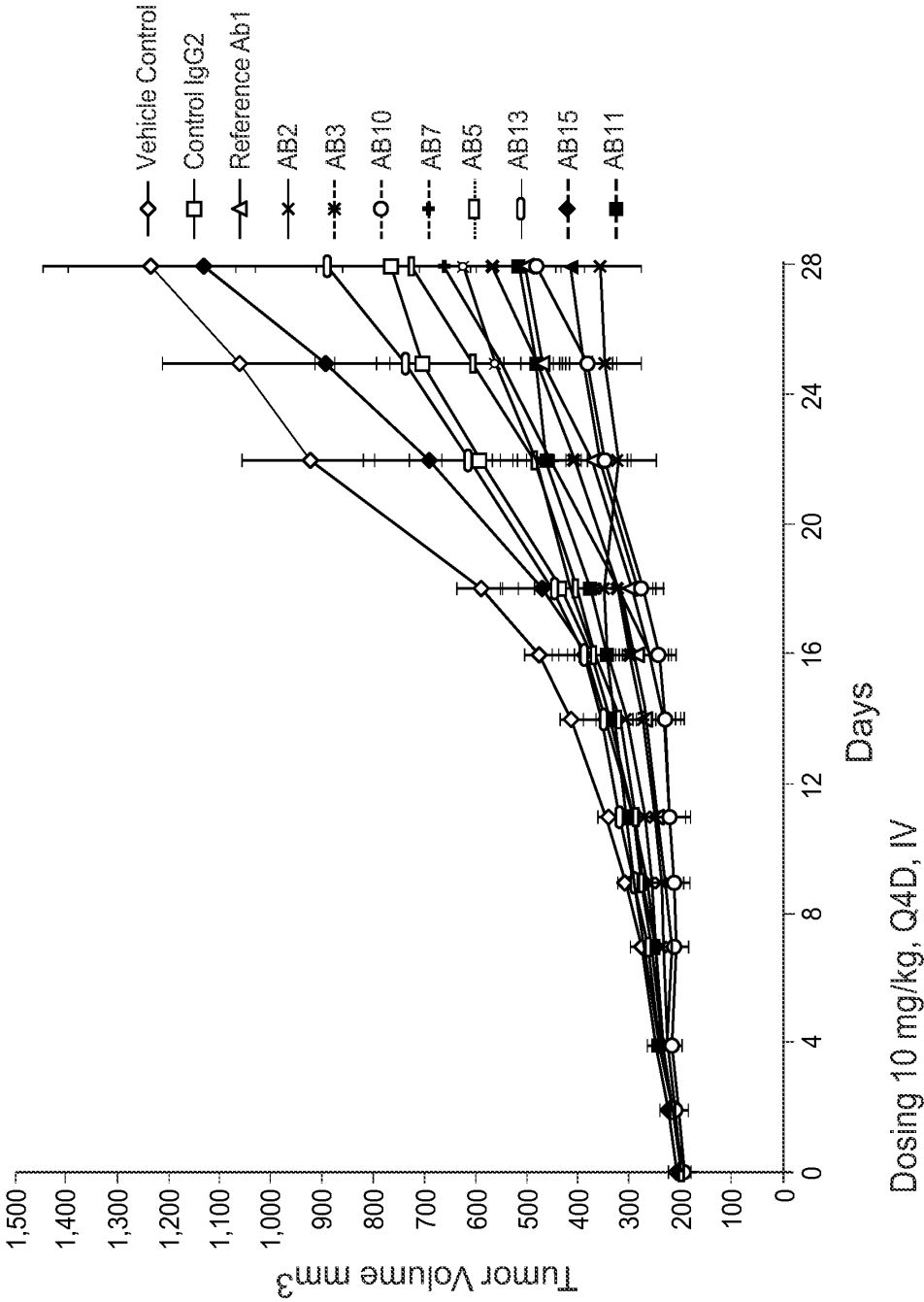


FIGURE 12A

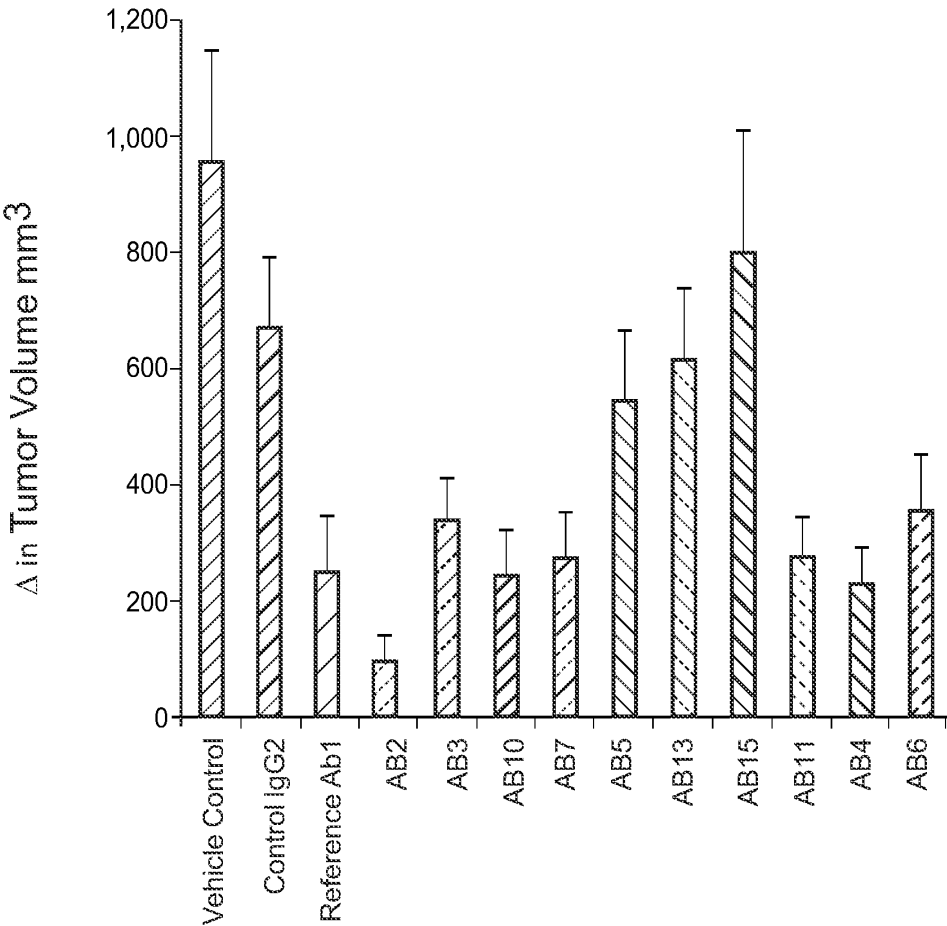


FIGURE 12B

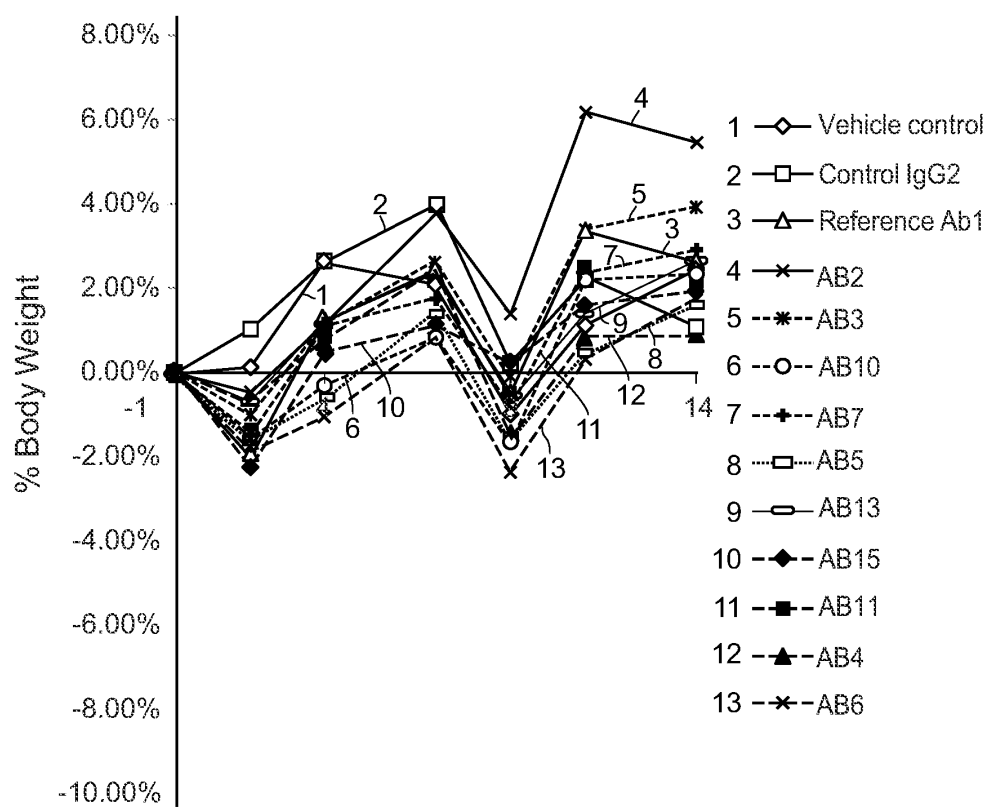


FIGURE 13

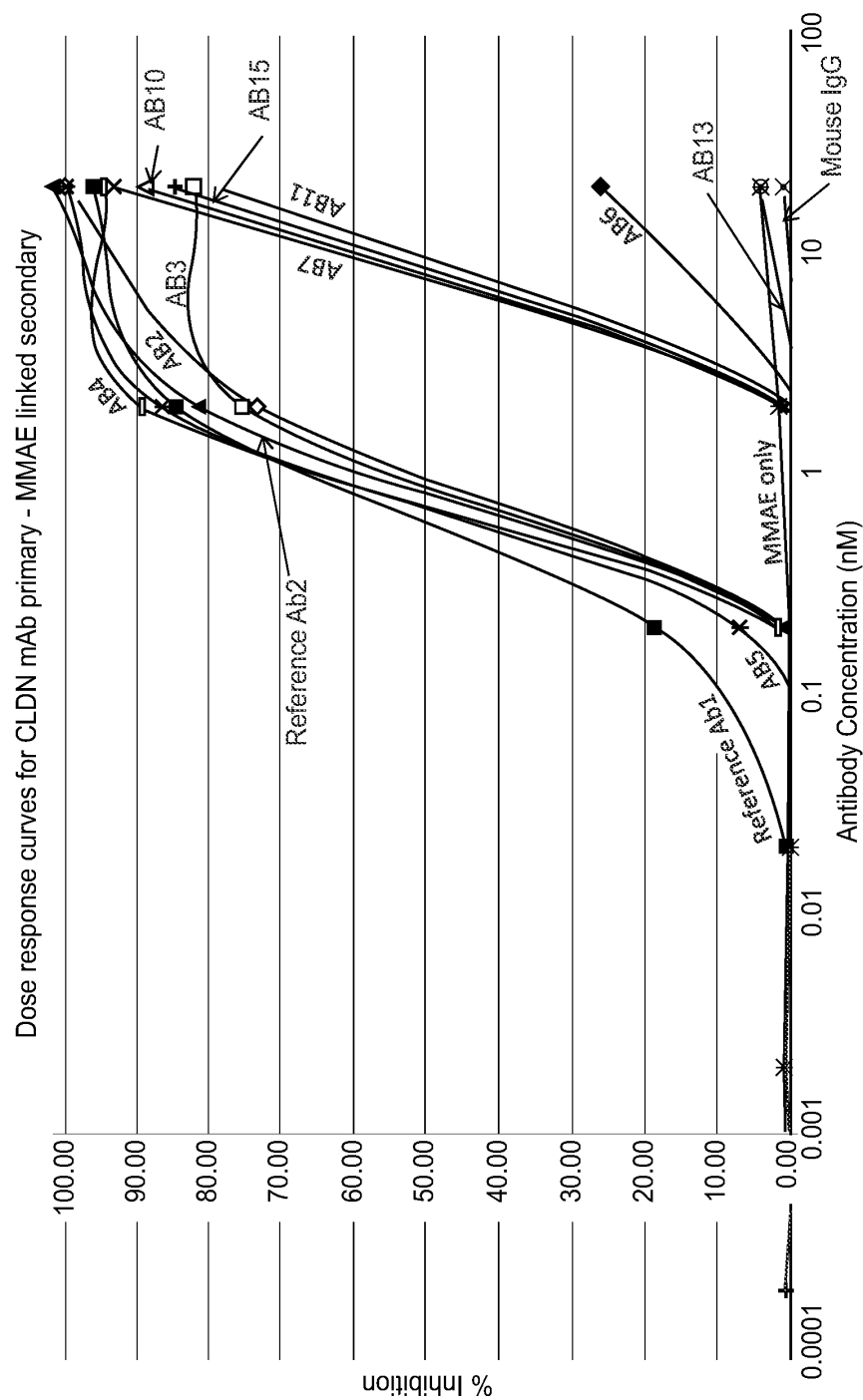


FIGURE 14

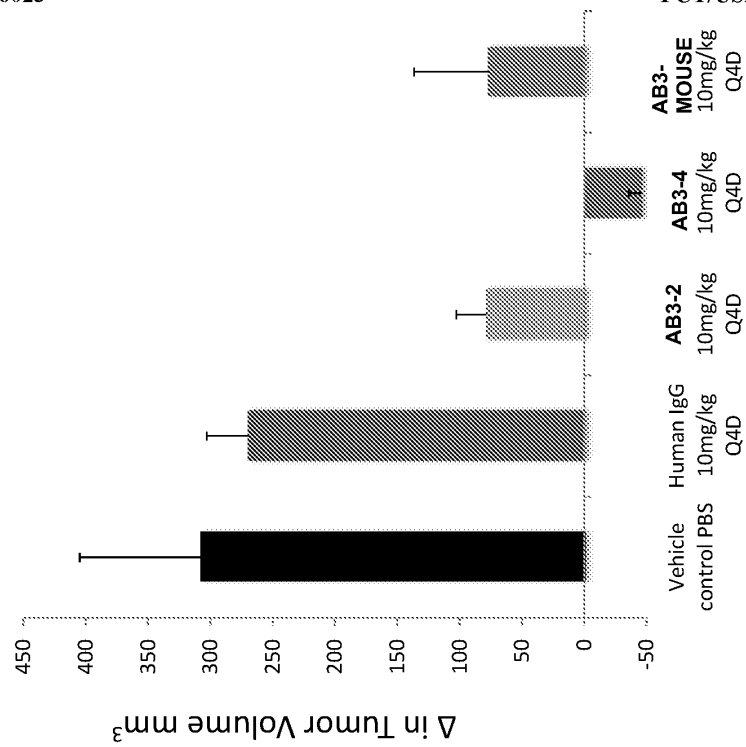


FIGURE 15B

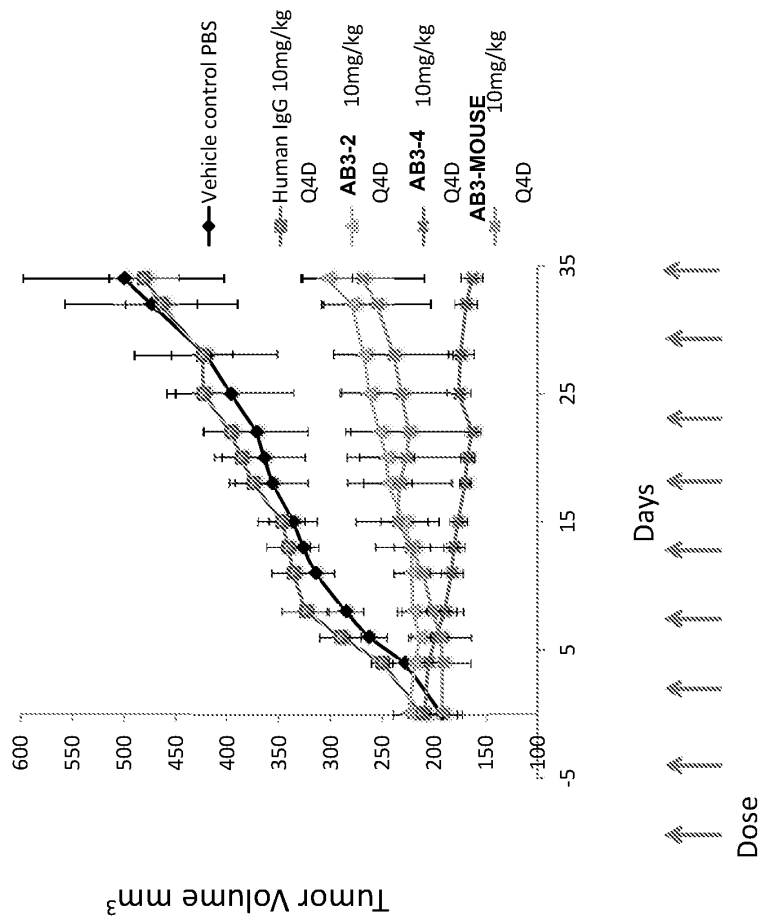
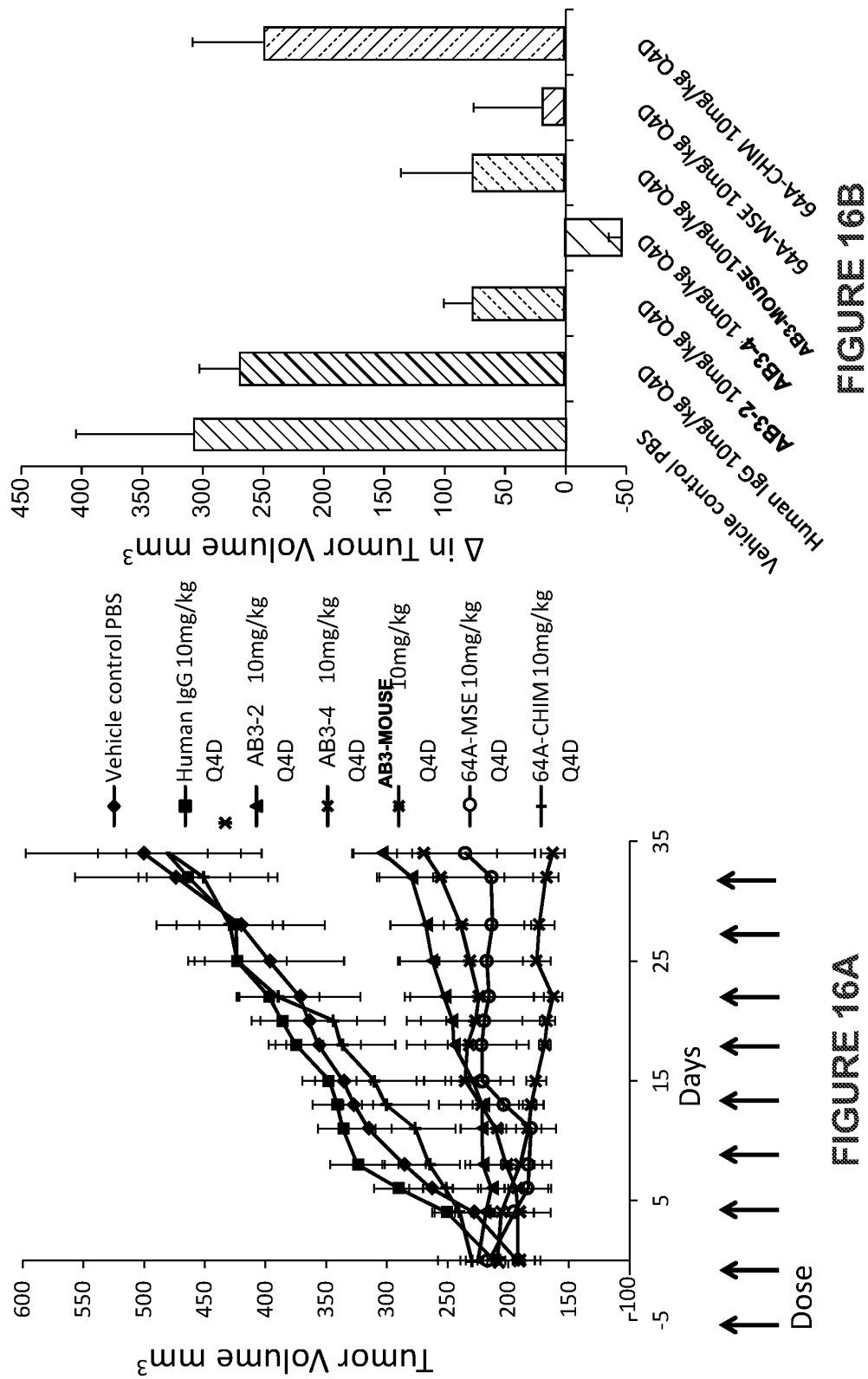


FIGURE 15A



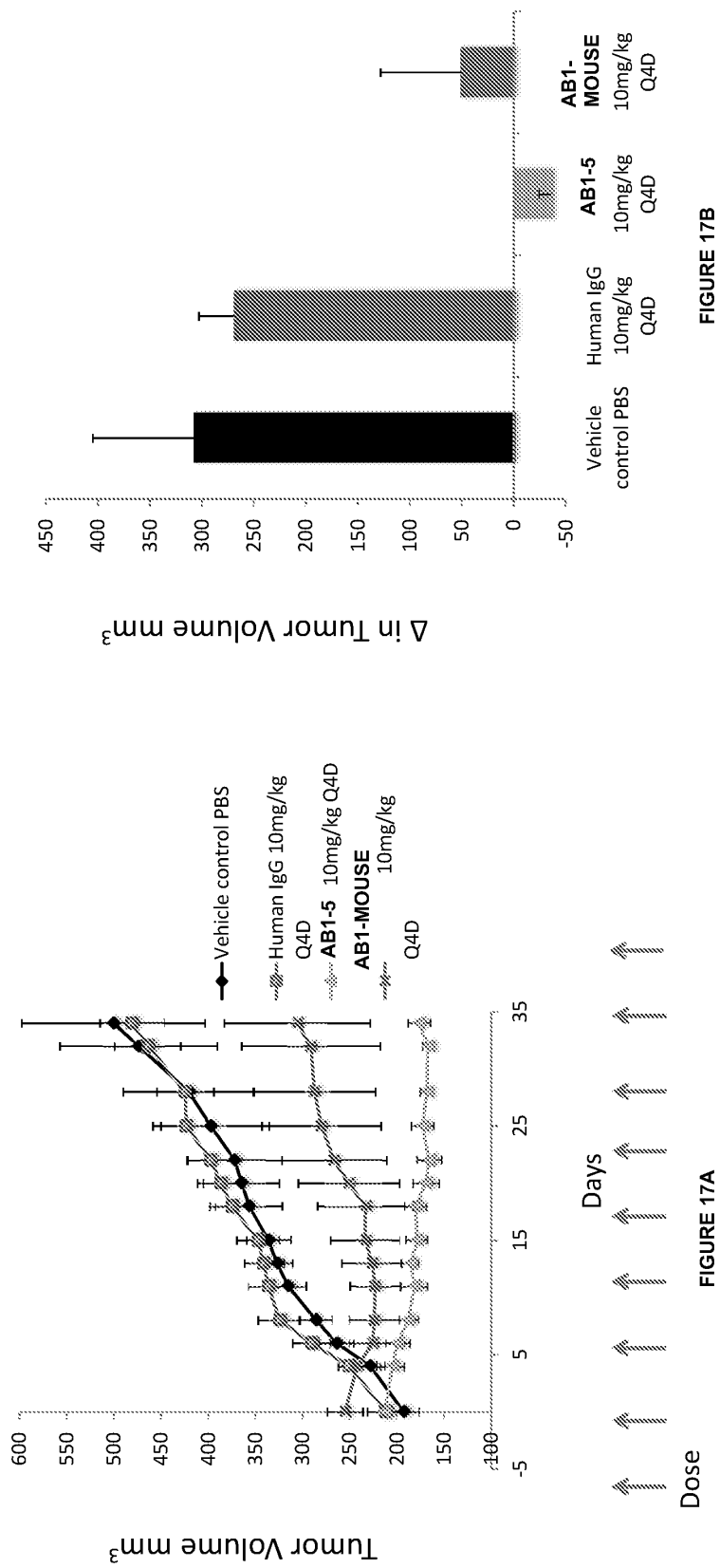


FIGURE 17A

FIGURE 17B

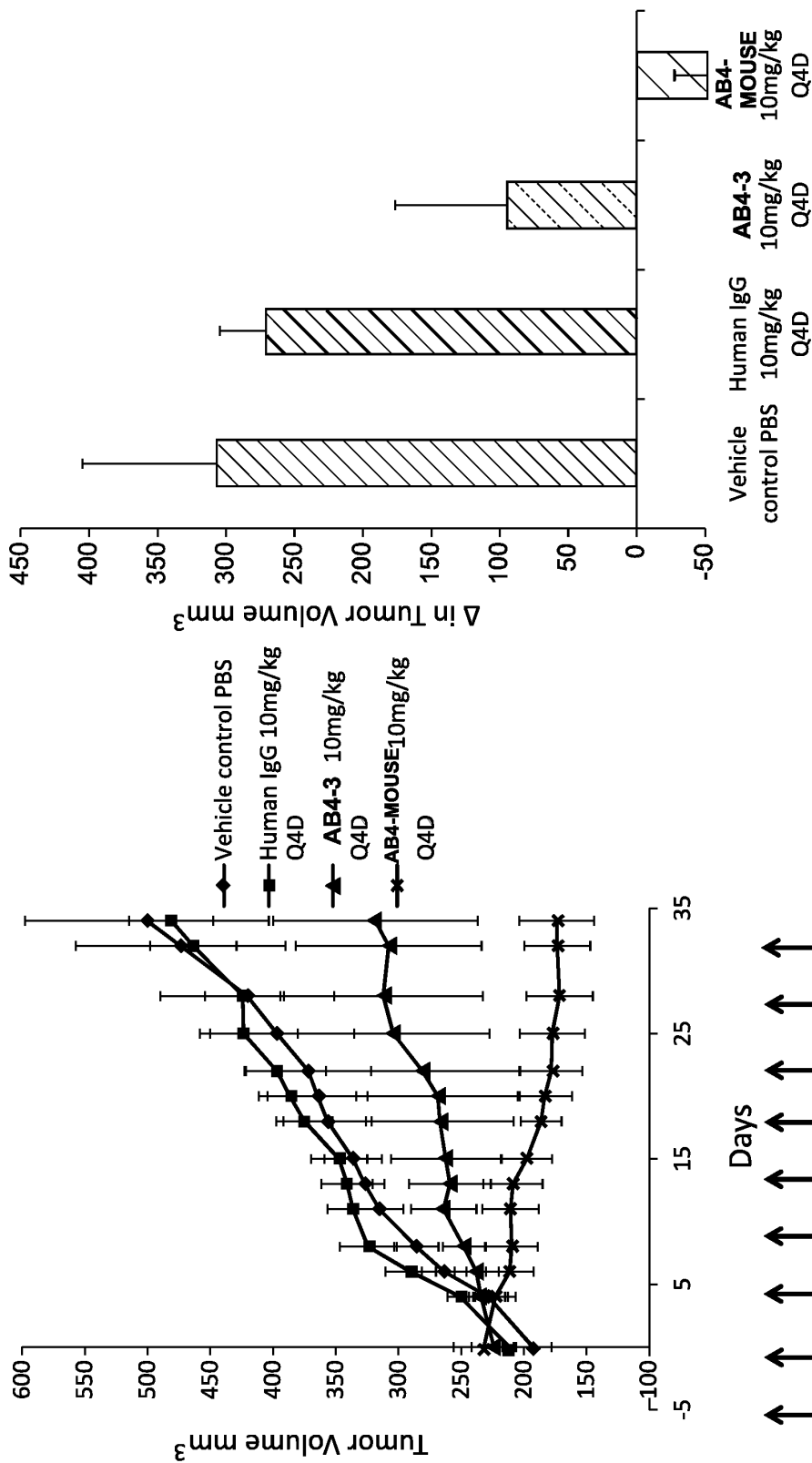


FIGURE 18A

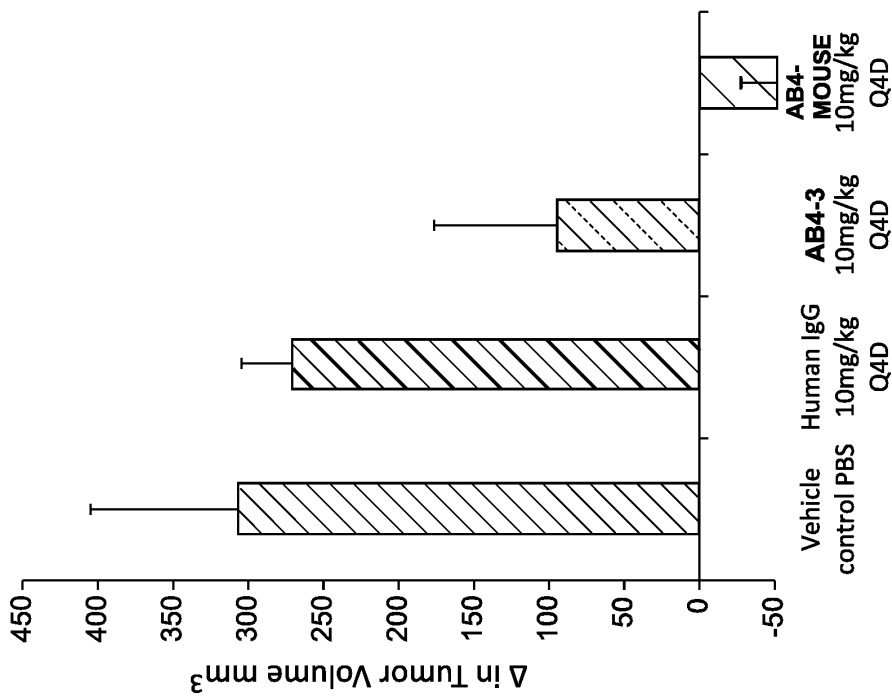
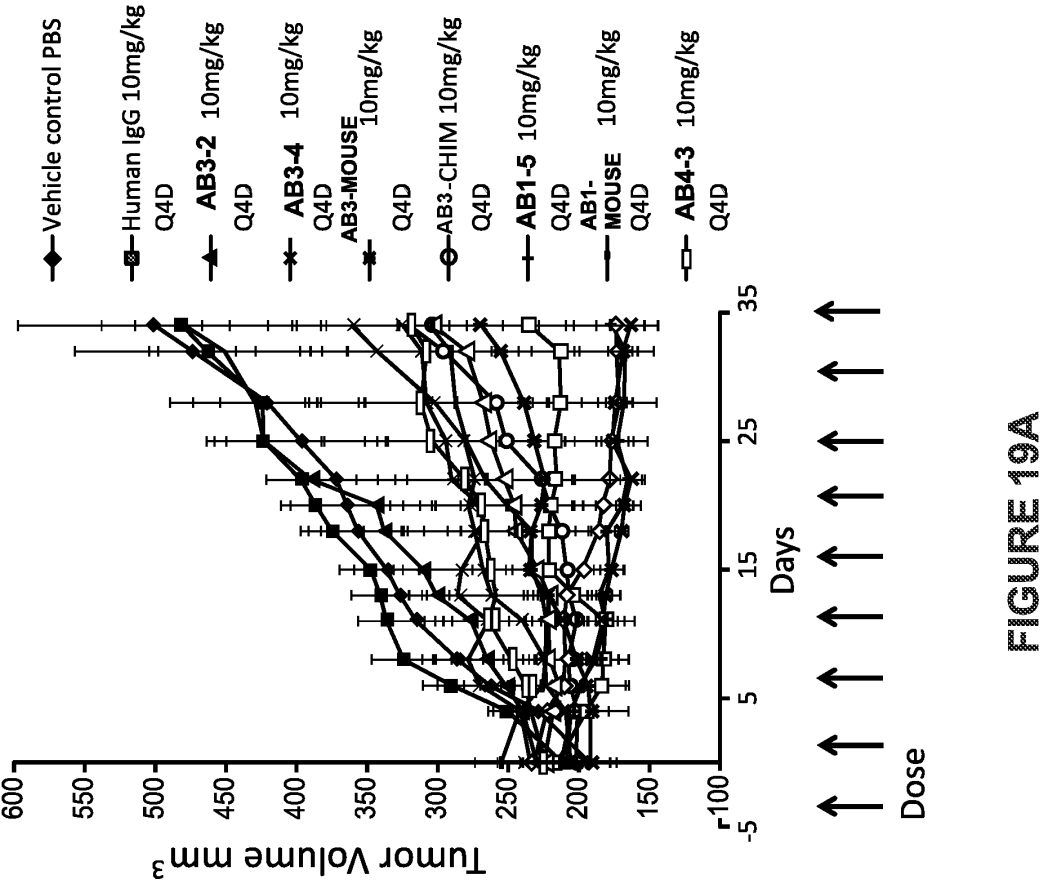
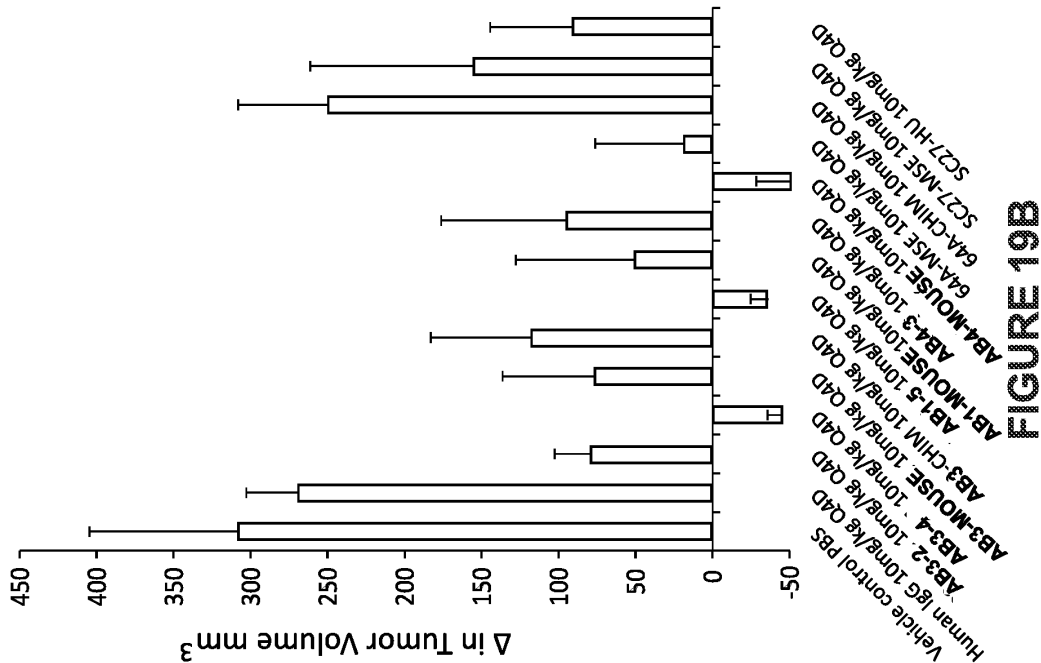


FIGURE 18B



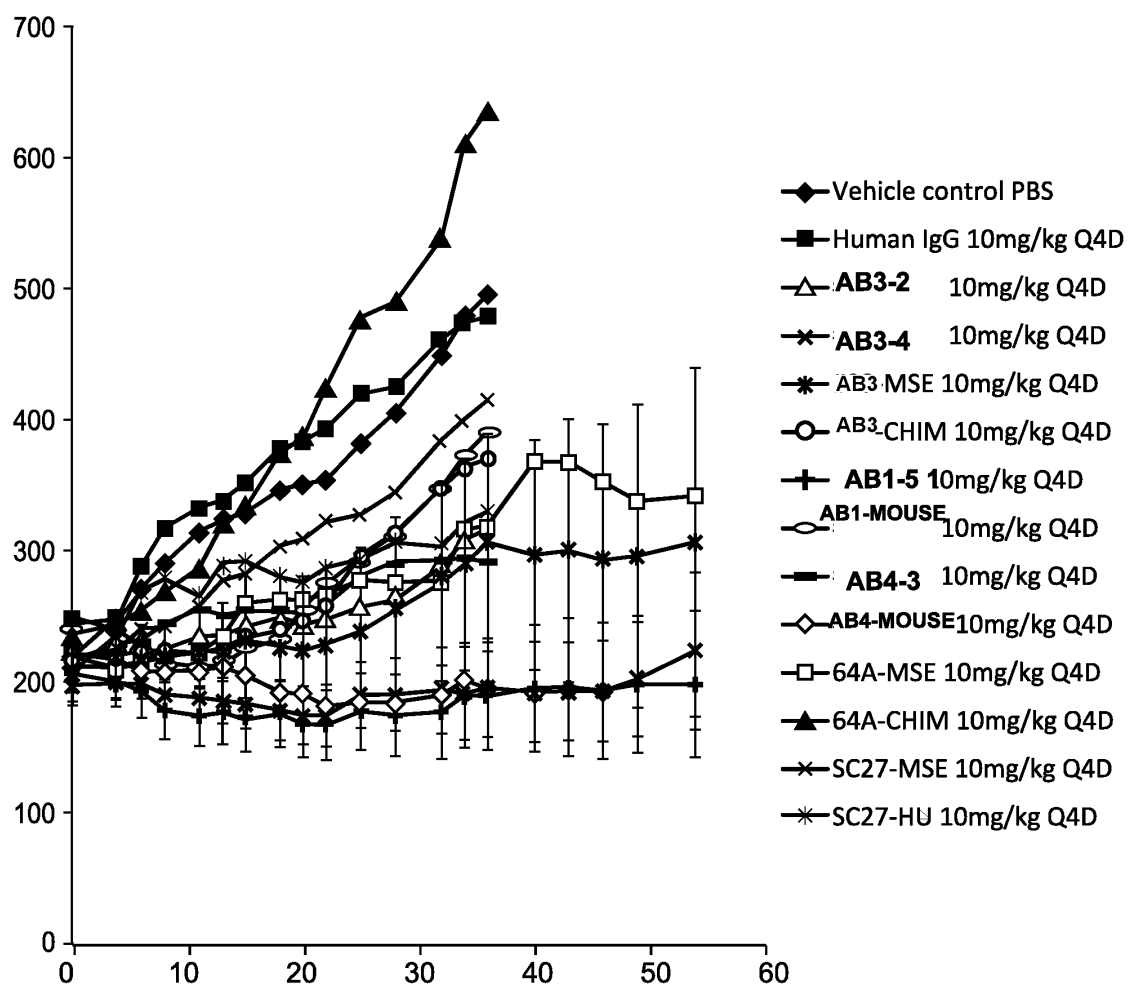


FIGURE 20

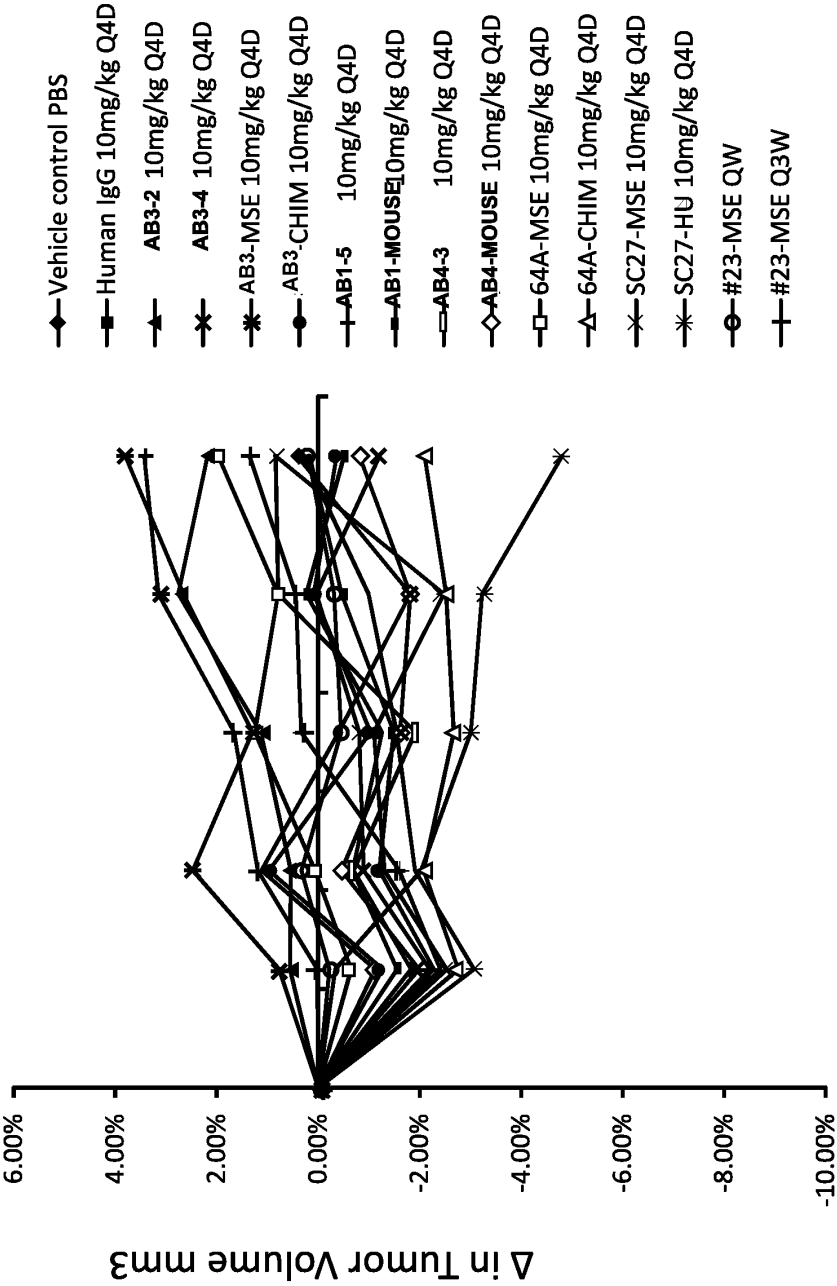


FIGURE 21