

Humanized MC38 models and CT26 KRAS-G12C model



WuXi AppTec, Oncology & Immunology Unit



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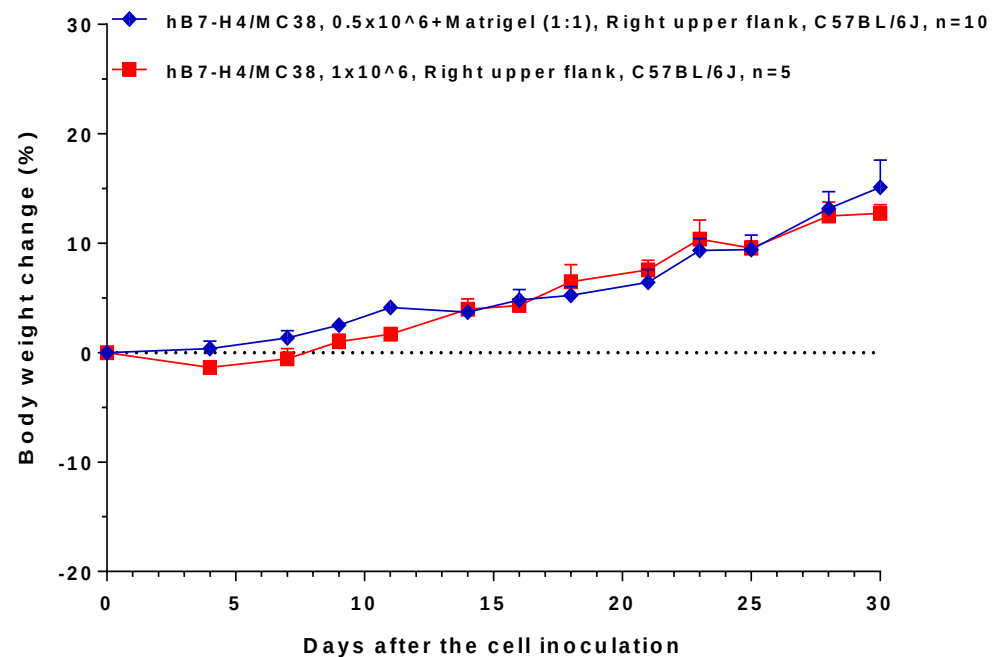
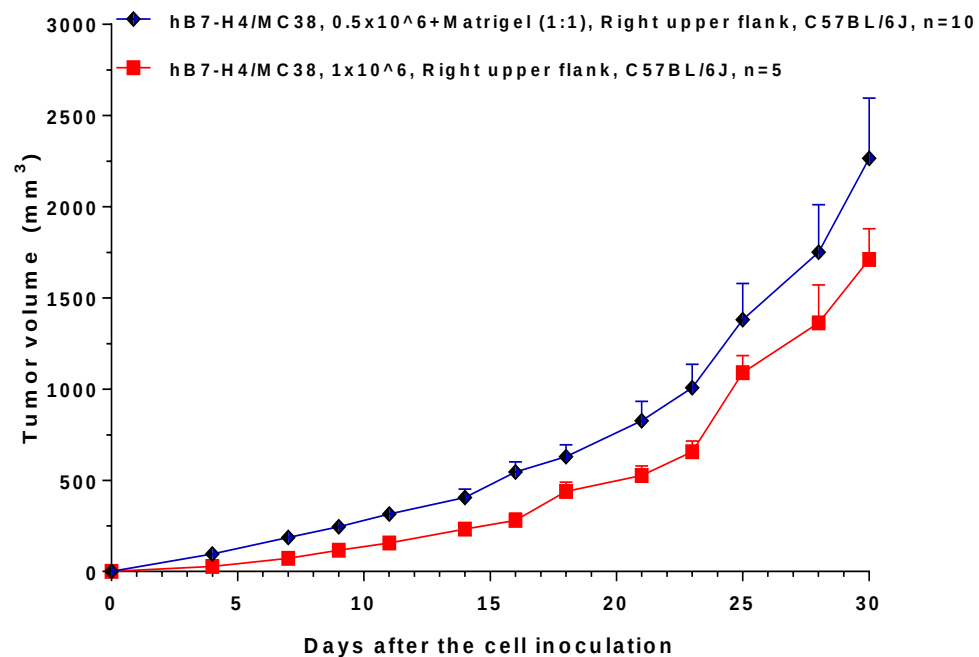
OncoWuXi Newsletter

Cell line	Model growth curve	Drug validation
Human B7-H4 MC38	Yes	In plan
Human CD73 MC38	Yes	Yes
Human PD-L1/CD47 MC38	Yes	Yes
Human PD-L1 MC38	Yes	Yes
Human ROR1 MC38	Yes	In plan
CT26 (KRAS-G12C)	Yes	Yes

hB7-H4 MC38 model

Host: C57BL/6 mice

Tumor cell: MC38-hB7-H4

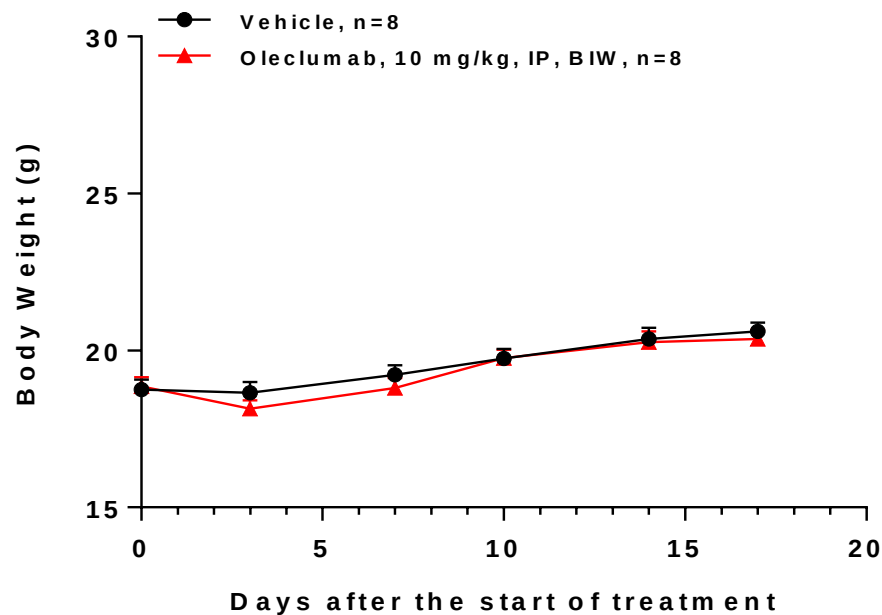
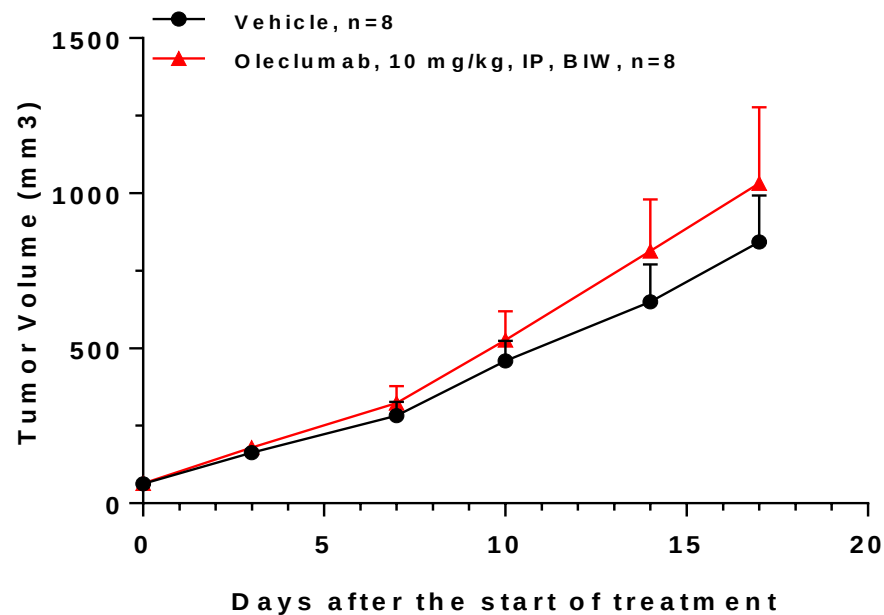


hCD73 MC38 model

Host: C57BL/6 mice

Tumor cell: MC38-hCD73

Test Agent: Oleclumab

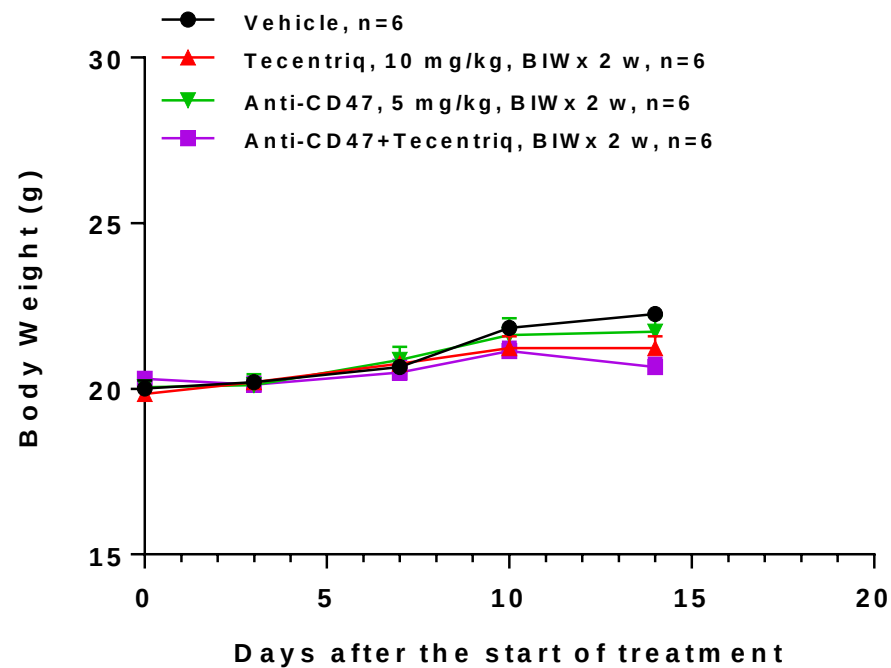
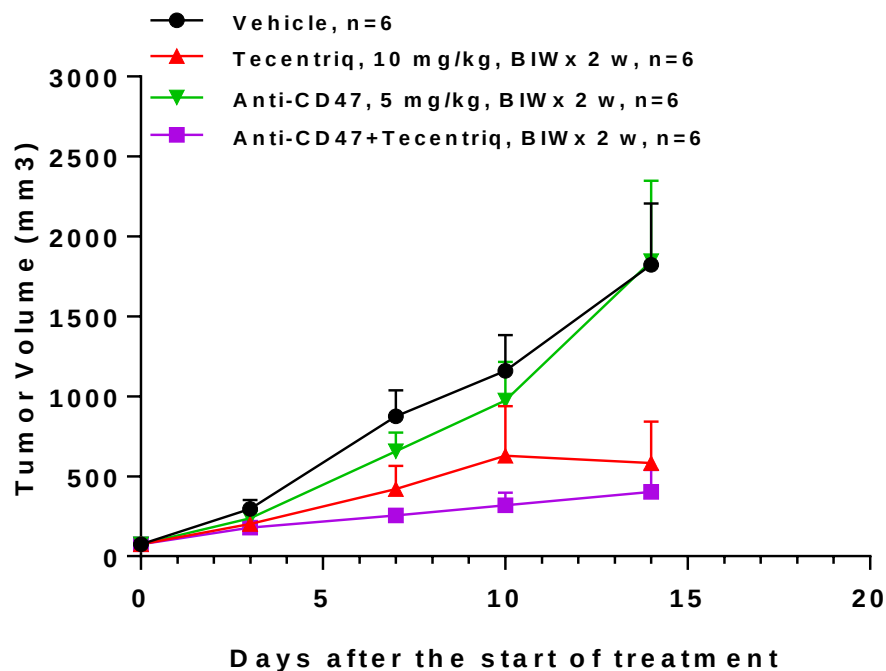


hPD-L1/hCD47 MC38 model

Host: C57BL/6 mice

Tumor cell: MC38-hPD-L1/hCD47

Test Agent: Tecentriq and anti-hCD47

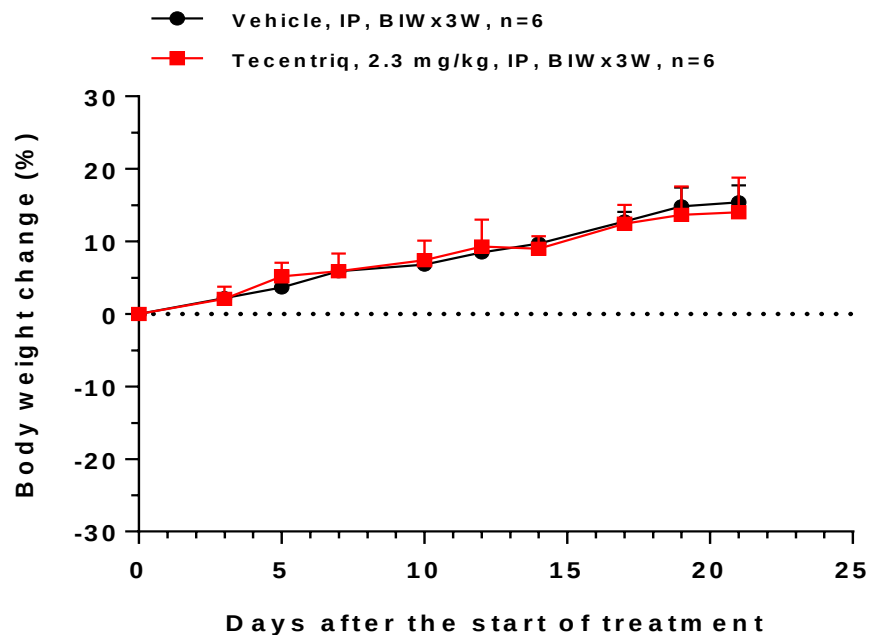
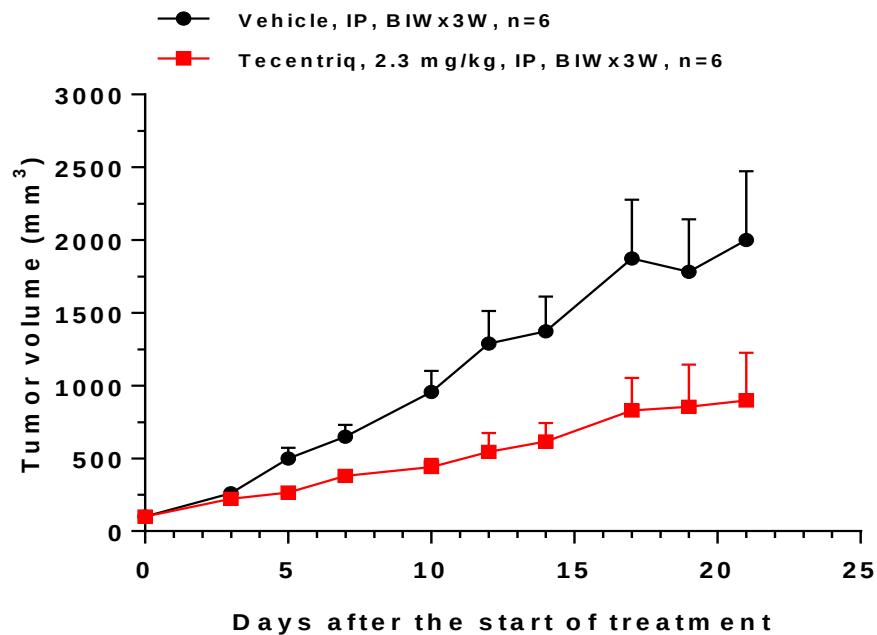


hPD-L1 MC38 model

Host: hPD1/hPDL1 C57BL/6 mice

Tumor cell: MC38-hPD-L1

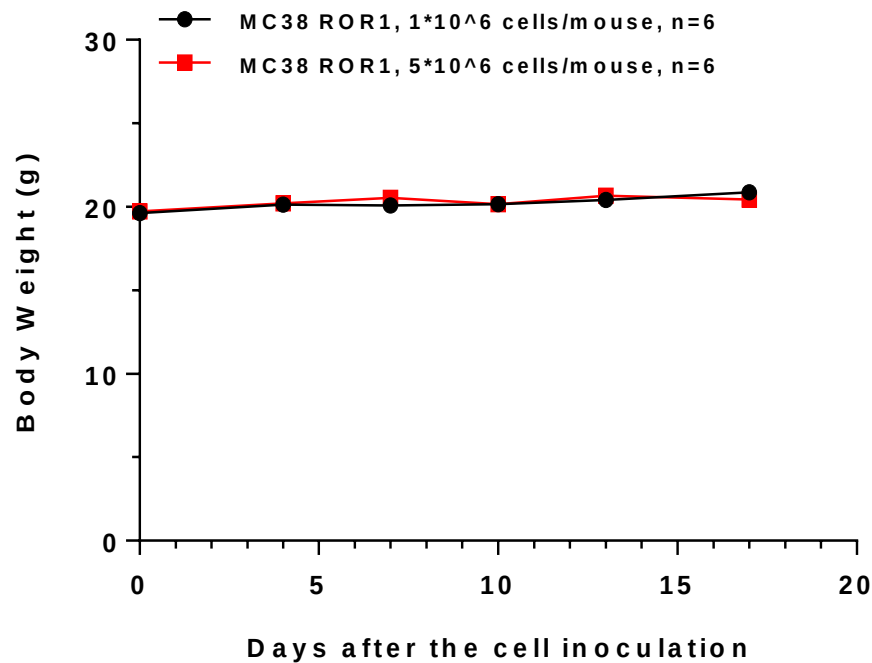
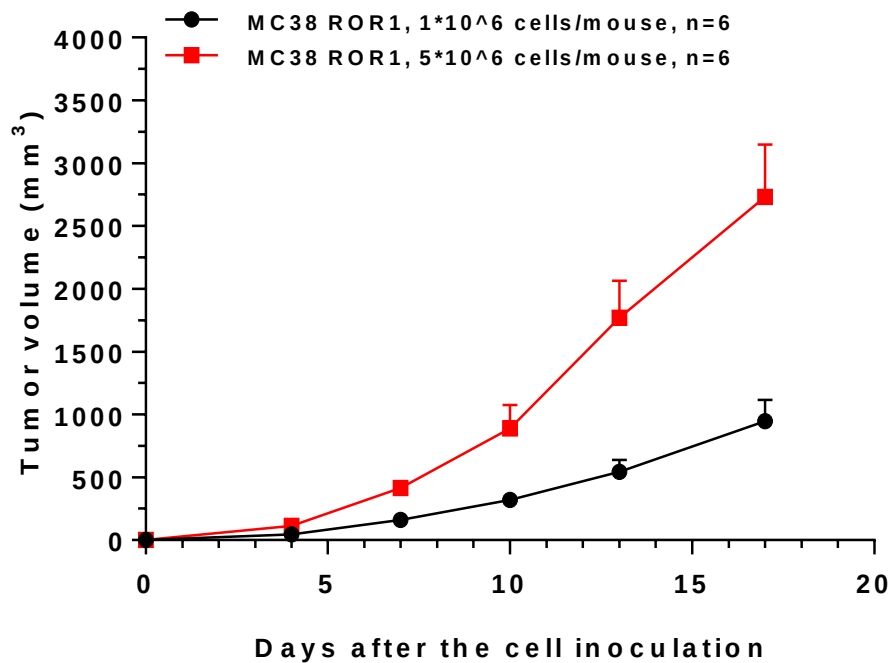
Test Agent: Tecentriq



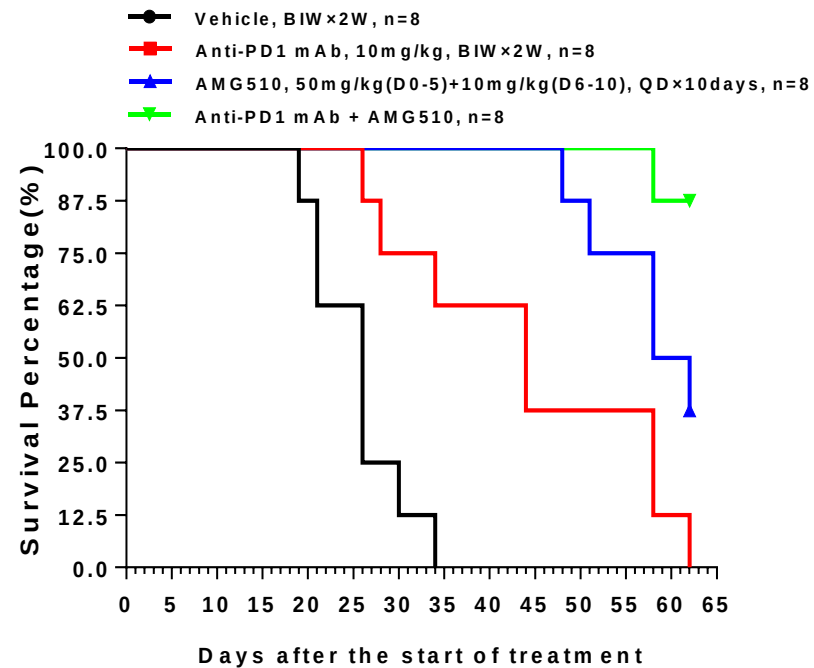
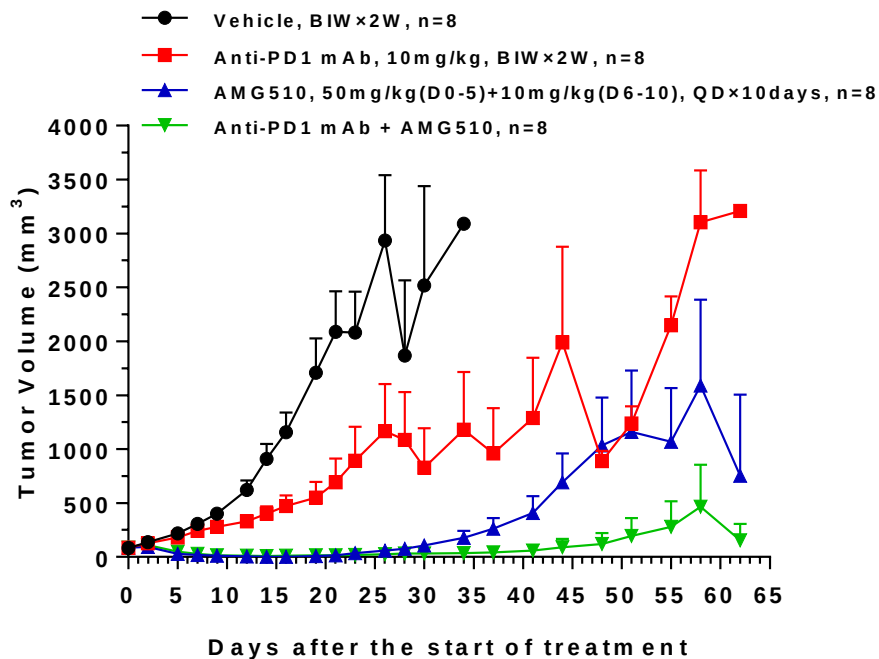
hROR1 MC38 model

Host: C57BL/6 mice

Tumor cell: MC38-hROR1

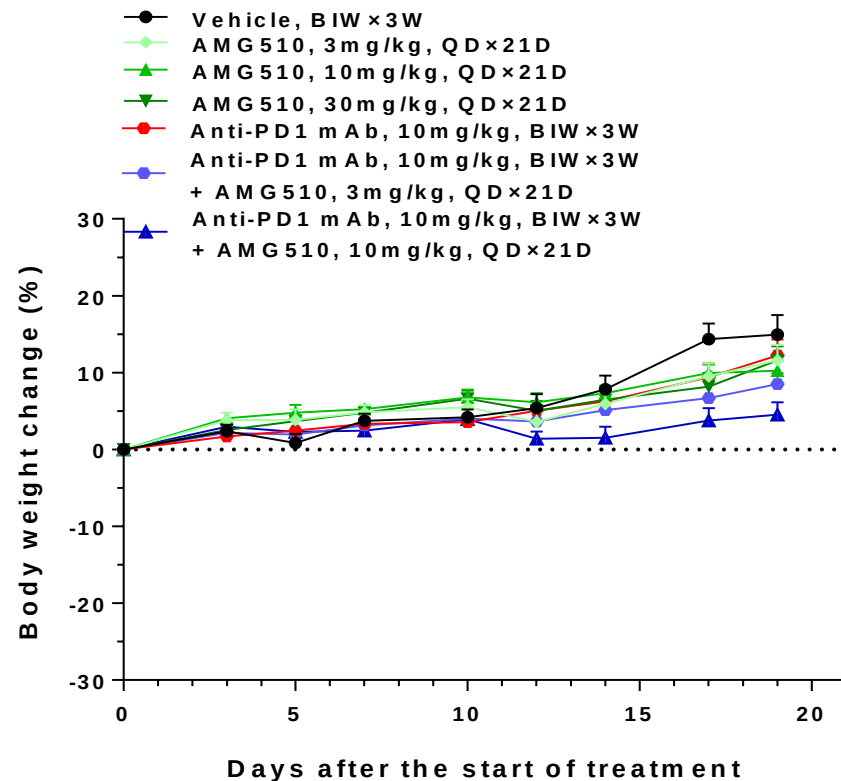
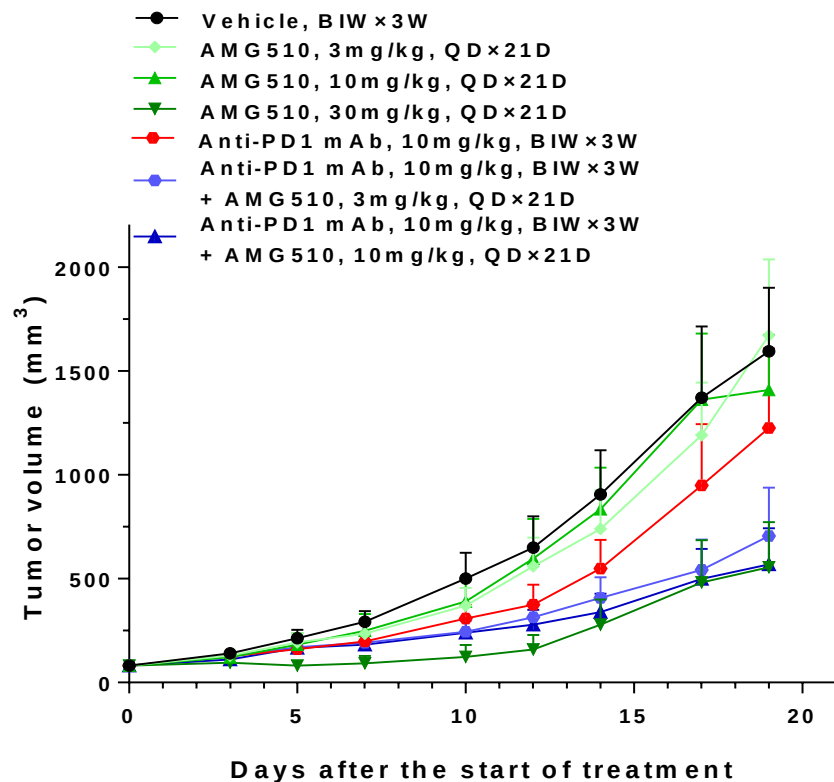


Test Agent: anti-PD-1 and AMG510



The parental CT26 mouse colorectal cell line harbors KRAS-G12D mutation. This mutation was edited to G12C via CRISPR Cas9 technology.

Test Agent: anti-PD-1 and AMG510





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