

hCD40/h4-1BB(2)

Nomenclature	C57BL/6Smoc- <i>Cd40</i> ^{em1(hCD40)} <i>Tnfrsf9</i> ^{tm2(TNFRSF9)Smoc}
Cat. NO.	NM-HU-200256
Strain State	Repository Live

Gene Summary

Gene Symbol CD40	Synonyms	IGM; p50; Bp50; GP39; IMD3; TRAP; HIGM1; T-BAM; Tnfrsf5; AI326936
	NCBI ID	21939
	MGI ID	88336
	Ensembl ID	ENSMUSG00000017652
	Human Ortholog	CD40
Gene Symbol Tnfrsf9	Synonyms	ILA; Ly63; 4-1BB; Cd137; CDw137; AA408498; AI325004; A930040I11Rik
	NCBI ID	21942
	MGI ID	1101059
	Ensembl ID	ENSMUSG00000028965
	Human Ortholog	TNFRSF9

Model Description

hCD40 (NM-HU-00076) was crossed with h4-1BB (NM-HU-190077) to generate hCD40/h4-1BB(2) mice.

Research Application: Immunotherapy, drug screening

*Literature published using this strain should indicate: hCD40/h4-1BB(2) mice (Cat. NO. NM-HU-200256) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

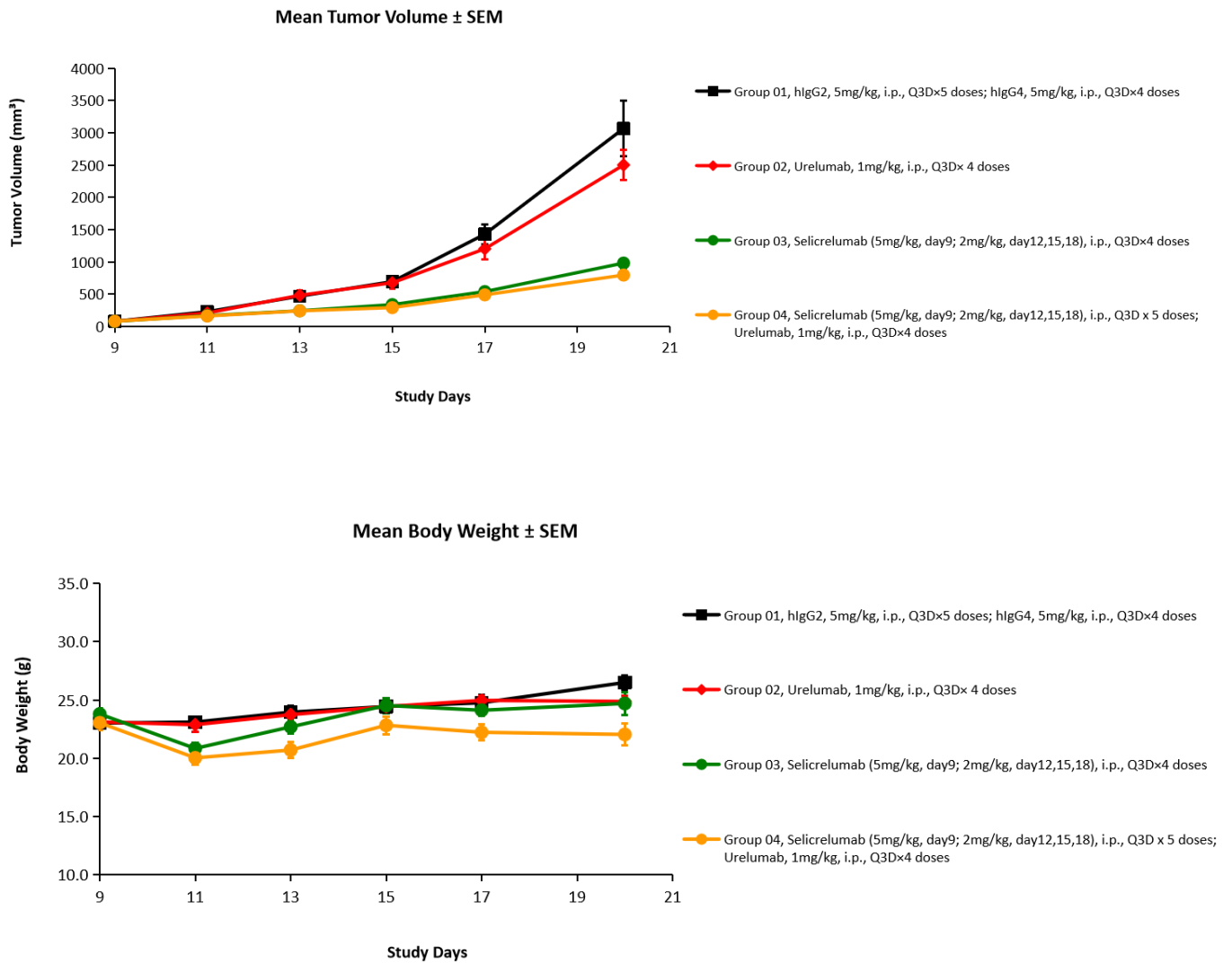


Fig1. In vivo validation of double humanized CD40&4-1BB mice. Double humanized mice were inoculated with B16F10 cells, and randomly assigned to different groups (n=6) when the tumor grew to a volume of 80 mm³. A combinatorial treatment of anti-CD40 and anti-4-1BB inhibited tumor growth (top) without affecting the animal body weight (Bottom).