

Rag2-KO/hVEGFR2

Nomenclature	C57BL/6Smoc- <i>Kdr</i> ^{tm2(hKDR)} <i>Rag2</i> ^{em1Smoc}
Cat. NO.	NM-HU-200280
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol Rag2	Synonyms	Rag-2
	NCBI ID	19374
	MGI ID	97849
	Ensembl ID	ENSMUSG00000032864
	Human Ortholog	RAG2
Gene Symbol KDR	Synonyms	KDR
	NCBI ID	16542
	MGI ID	96683
	Ensembl ID	ENSMUSG00000062960
	Human Ortholog	KDR

Model Description

The Rag2 gene of NM-HU-00098 was knock out.

*Literature published using this strain should indicate: Rag2-KO/hVEGFR2 mice (Cat. NO. NM-HU-200280) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

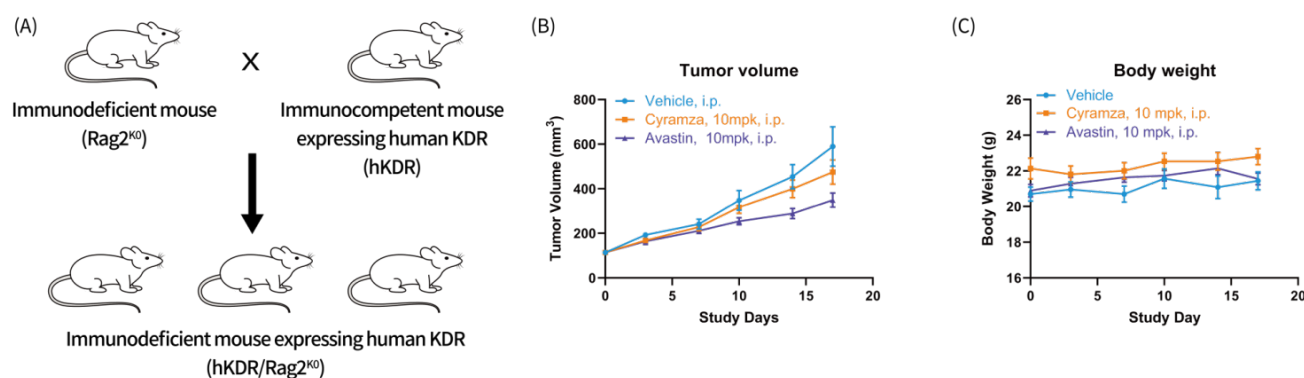


Fig1. *In vivo* anti-tumor response of Cyramza and Avastin in the treatment of gastric cancer PDX model(GA2419)in the immunodeficient Rag2-KO/hKDR mice. (Completed in collaboration with CrownBio)

(A)Breeding scheme for development of Rag2-KO/hKDR mice; (B) Tumor growth curves upon treatment of Cyramza and Avastin; (C) Body weight change upon treatment.

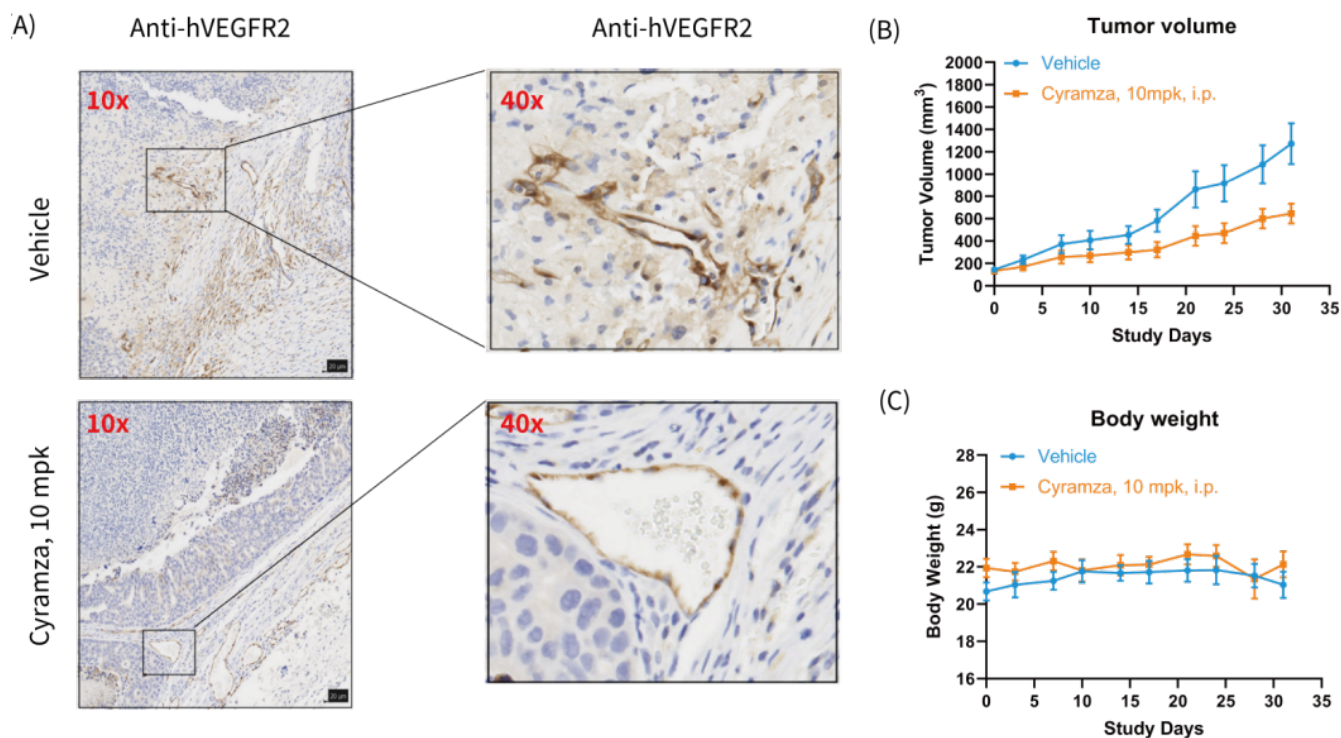


Fig2. *In vivo* anti-tumor response of Cyramza in the treatment of liver cancer PDX model(LI0612)in the immunodeficient Rag2-KO/hKDR mice. (Completed in collaboration with CrownBio)

(A)Tumor blood vessel staining via anti-human VEGFR2 IHC; (B) Tumor growth curves upon Cyramza treatment; (C)Body weight change upon treatment.