

Rag2-KO/hVEGFR2

品系全名	C57BL/6Smoc- <i>Kdr</i> ^{tm2(hKDR)} <i>Rag2</i> ^{em1Smoc}
目录号	NM-HU-200280
品系状态	胚胎冻存

基因信息

基因名 Rag2	基因曾用名	Rag-2
	NCBI ID	19374
	MGI ID	97849
	Ensembl ID	ENSMUSG00000032864
	人类同源基因	RAG2
基因名 KDR	基因曾用名	KDR
	NCBI ID	16542
	MGI ID	96683
	Ensembl ID	ENSMUSG00000062960
	人类同源基因	KDR

品系描述

该小鼠是Rag2基因敲除背景的KDR人源化小鼠。

应用领域：肿瘤研究；免疫治疗；药物筛选

*使用本品系发表的文献需注明: Rag2-KO/hVEGFR2 mice (Cat. NO. NM-HU-200280) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

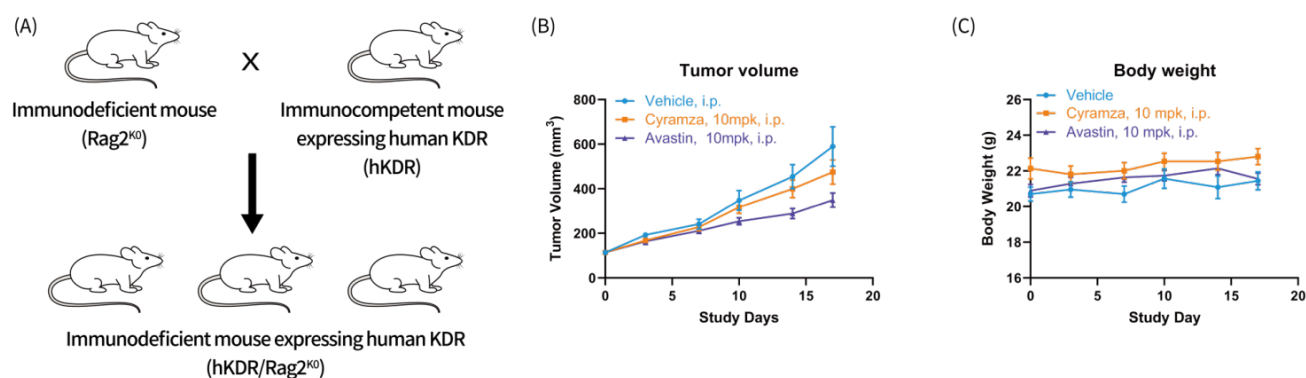


Fig1. *In vivo* anti-tumor response of Cyramza and Avastin in the treatment of gastric cancer PDX model(GA2419)in the immunodeficient Rag2-KO/hKDR mice. (Completed in collaboration with CrownBio)

(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.

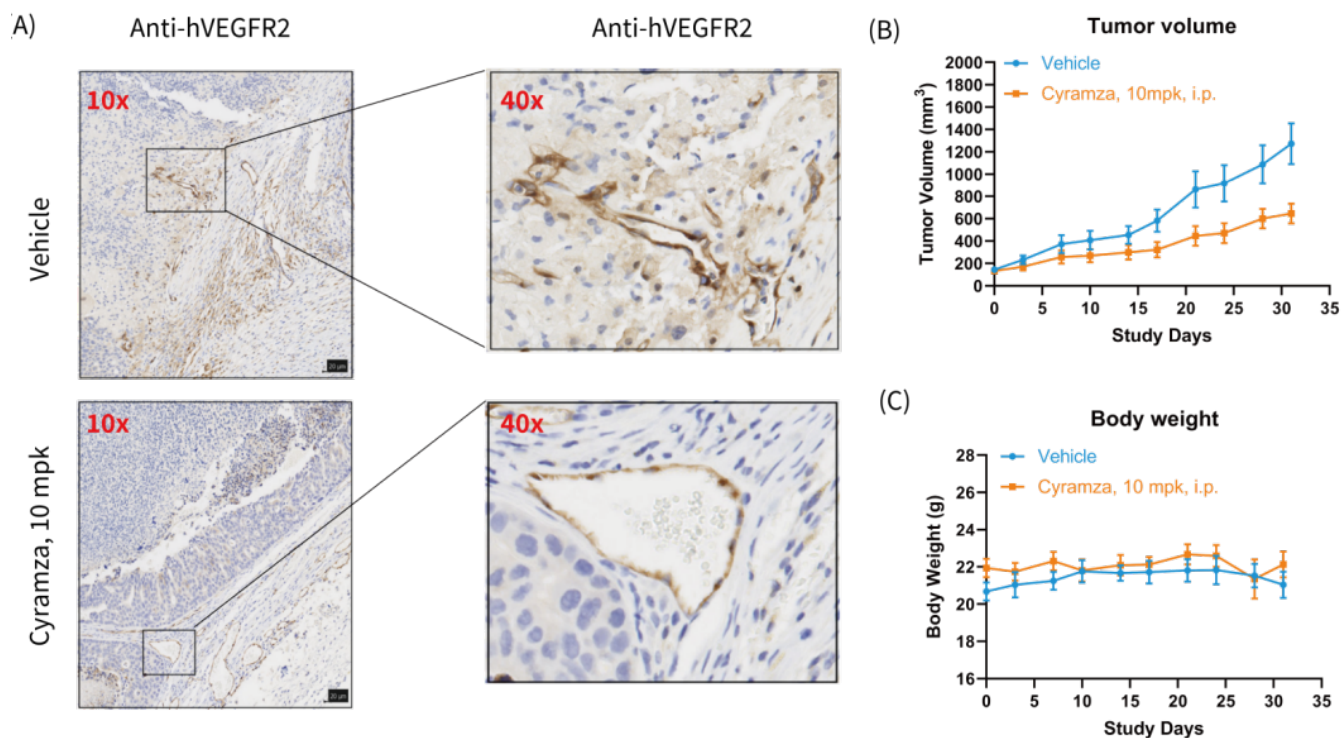


Fig2. *In vivo* anti-tumor response of Cyramza in the treatment of liver cancer PDX model(LI0612)in the immunodeficient Rag2-KO/hKDR mice. (Completed in collaboration with CrownBio)

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