hCCR8(2)

品系全名	C57BL/6Smoc-*Ccr8*$^{em3(hCCR8)/Smoc}$
目录号	NM-HU-2000054
品系状态	活体

基因信息

基因名 **CCR8**	**基因曾用名**	Cmkbr8
	NCBI ID	12776
	MGI ID	1201402
	Ensembl ID	ENSMUSG00000042262
	人类同源基因	CCR8

品系描述

通过同源重组，将小鼠基因Ccr8进行人源化修饰。与此相似的品系还有hCCR8(NM-HU-190053)，详细信息请咨询技术顾问。

应用领域：免疫治疗；药物筛选

*使用本品系发表的文献需注明: hCCR8(2) mice (Cat. NO. NM-HU-2000054) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

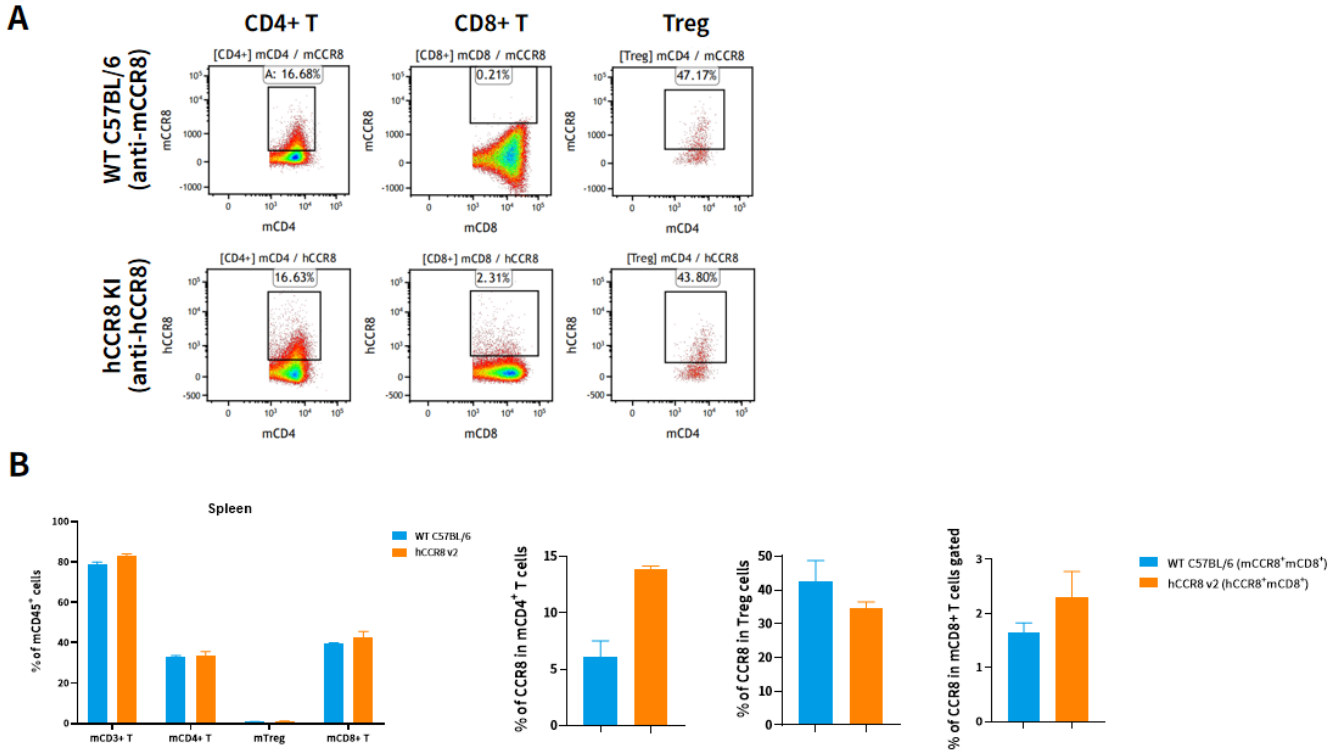

Fig1. Expression characterization of CCR8 humanized mouse.

(A) Human CCR8 expression on activated splenic $CD4^+$, $CD8^+$ and Treg cells upon anti-mCD3/mCD28 stimulation in hCCR8 mice; (B) Statistics of T cell populations in hCCR8 mice.

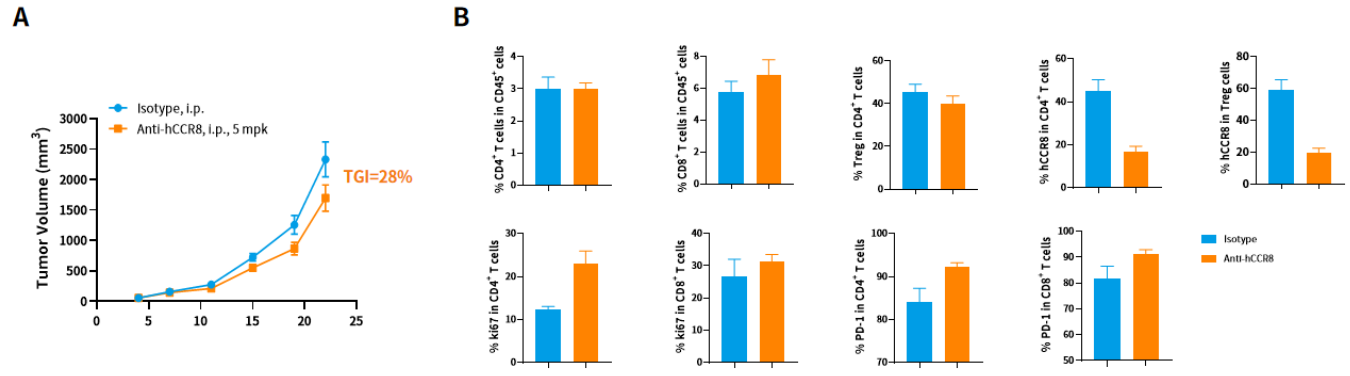

Fig2. The anti-hCCR8 therapeutic antibody shows potent antitumor efficacy in hCCR8 mice.

(A) and (B) *in vivo* antitumor response of anti-hCCR8 in hCCR8 mice bearing MC38 tumor.

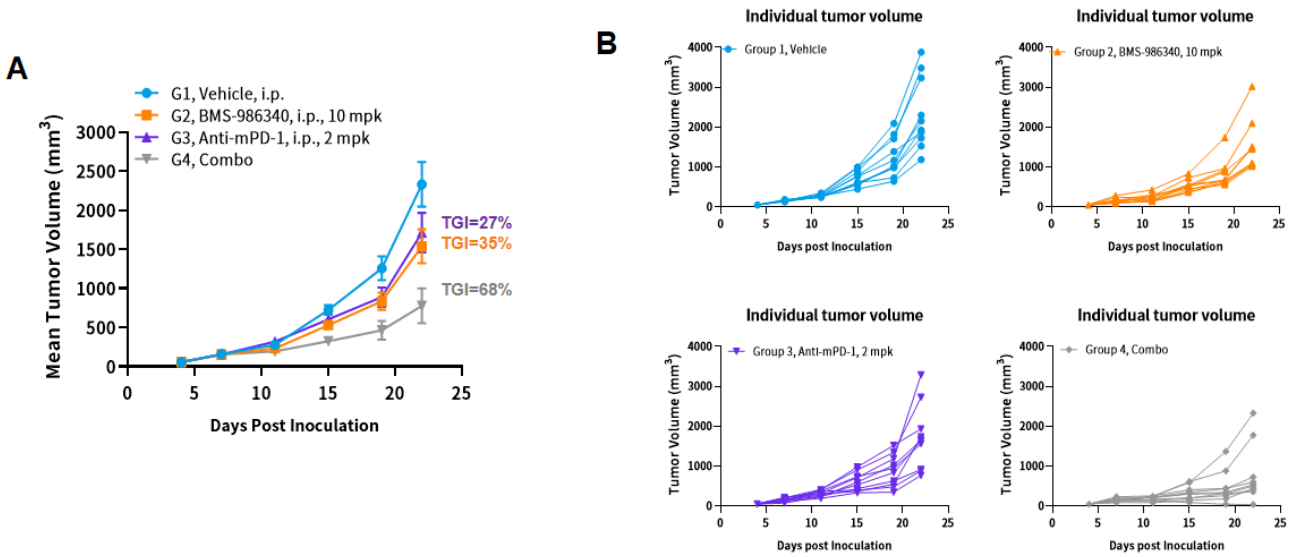

Fig3. *In vivo* antitumor responses of anti-hCCR8 alone or in combination with anti-PD-1 in hCCR8 knockin mice engrafted with MC38 tumor.

(A) Mean tumor growth curves upon treatment; (B) Individual tumor growth curves upon treatment.

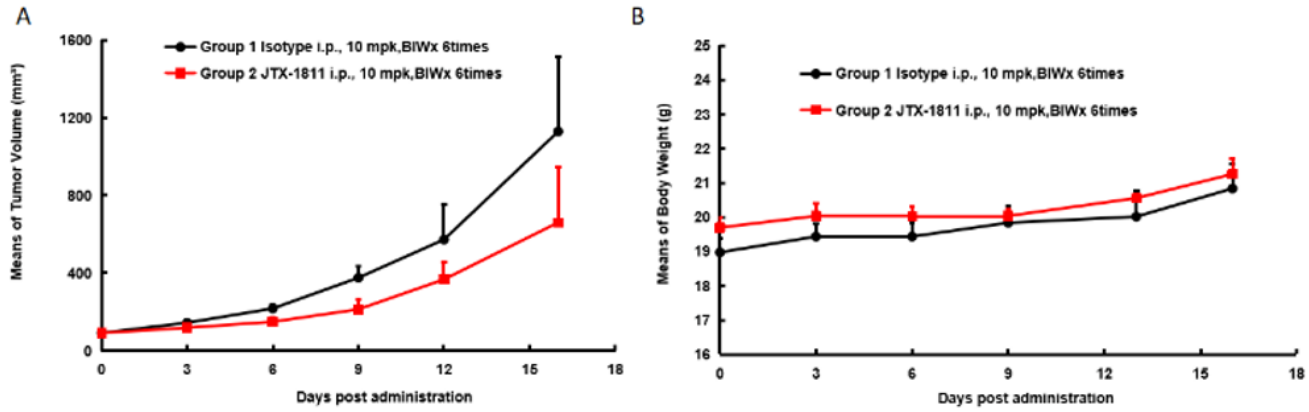

Fig4. *In vivo* efficacy study in CCR8 humanized mice grafted with MC38 tumor model. JTX-1811 can inhibit the growth of MC38 xenografts (A) without significant effect on the body weight of CCR8 humanized mice (B).(provided by partner)