

## **hCCR8(2)**

**Nomenclature** C57BL/6Smoc-*Ccr8*<sup>em3(hCCR8)/Smoc</sup>

**Cat. NO.** NM-HU-2000054

**Strain State** Repository Live

## **Gene Summary**

Gene Symbol CCR8	Synonyms	Cmkbr8
	NCBI ID	<u>12776</u>
	MGI ID	1201402
	Ensembl ID	ENSMUSG00000042262
	Human Ortholog	CCR8

## **Model Description**

The endogenous mouse Ccr8 gene was replaced by human CCR8 gene. While hCCR8(Stock No.NM-HU-190053) mice function similarly to hCCR8(2) mice, for more detailed information please contact our technical advisor.

Research Application: Immunotherapy, drug screening

\*Literature published using this strain should indicate: hCCR8(2) mice (Cat. NO. NM-HU-2000054) were purchased from Shanghai Model Organisms Center, Inc..

## **Validation Data**



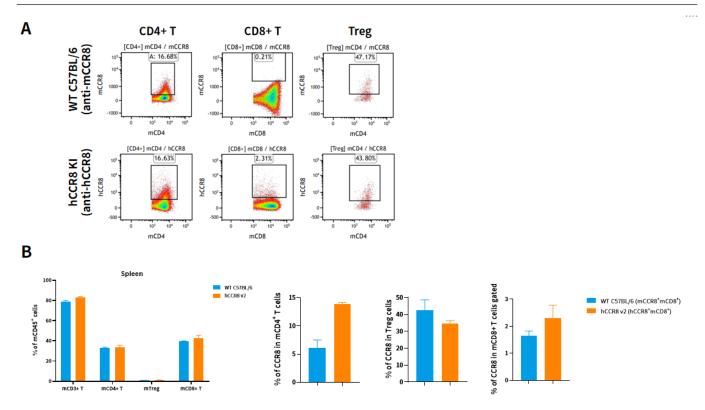


Fig1. Expression characterization of CCR8 humanized mouse.

(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.

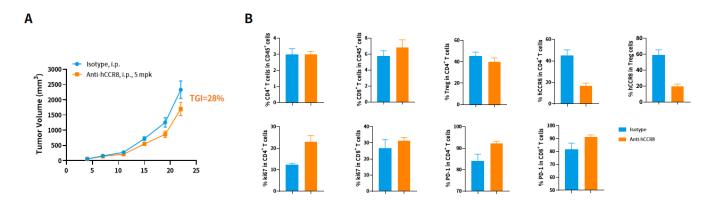


Fig2. The anti-hCCR8 therapeutic antibody shows potent antitumor efficacy in hCCR8 mice.

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



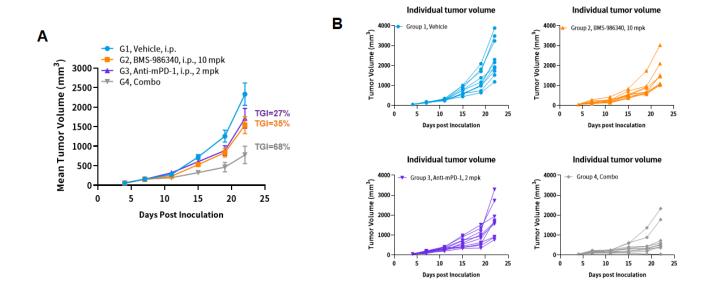


Fig3. *In vivo* antitumor responses of anti-hCCR8 alone or in combination with anti-PD-1 in hCCR8 knockin mice engrafted with MC38 tumor.

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

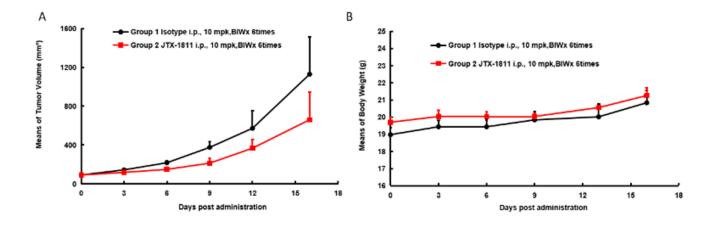


Fig4. *In vivo* efficacy study in CCR8 humanized mice grafted with MC38 tumor model. JTX-1811 can inhibit the growth of MC38 xenografts (A) without significant effect on the body weight of CCR8 humanized mice (B).(provided by partner)