hCSF1R(2)

品系全名	C57BL/6Smoc-*Csf1r*$^{em3(hCSF1R)Smoc}$
目录号	NM-HU-190074
品系状态	胚胎冻存

基因信息

基因名 **CSF1R**	**基因曾用名**	Fms; Fim2; CD115; Csfmr; Fim-2; CSF-1R; M-CSFR; M-CSF-R; AI323359
	NCBI ID	12978
	MGI ID	1339758
	Ensembl ID	ENSMUSG00000024621
	人类同源基因	CSF1R

品系描述

通过同源重组，将小鼠基因Csf1r进行人源化修饰。原hCSF1R(NM-HU-00094)小鼠模型因技术原因已下架。
应用领域：免疫治疗；肿瘤研究；药物筛选
*使用本品系发表的文献需注明: hCSF1R(2) mice (Cat. NO. NM-HU-190074) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

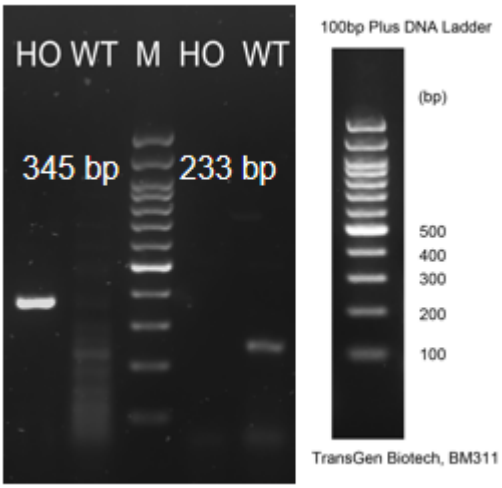

Fig1. Detection of CSF1R(2) expression in spleen by RT-PCR. Wild type: only one band at 233 bp with primers F1/R1(mCsf1r(2));Homozygous: only one band at 345 bp with primers F2/R2(hCSF1R(2)); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

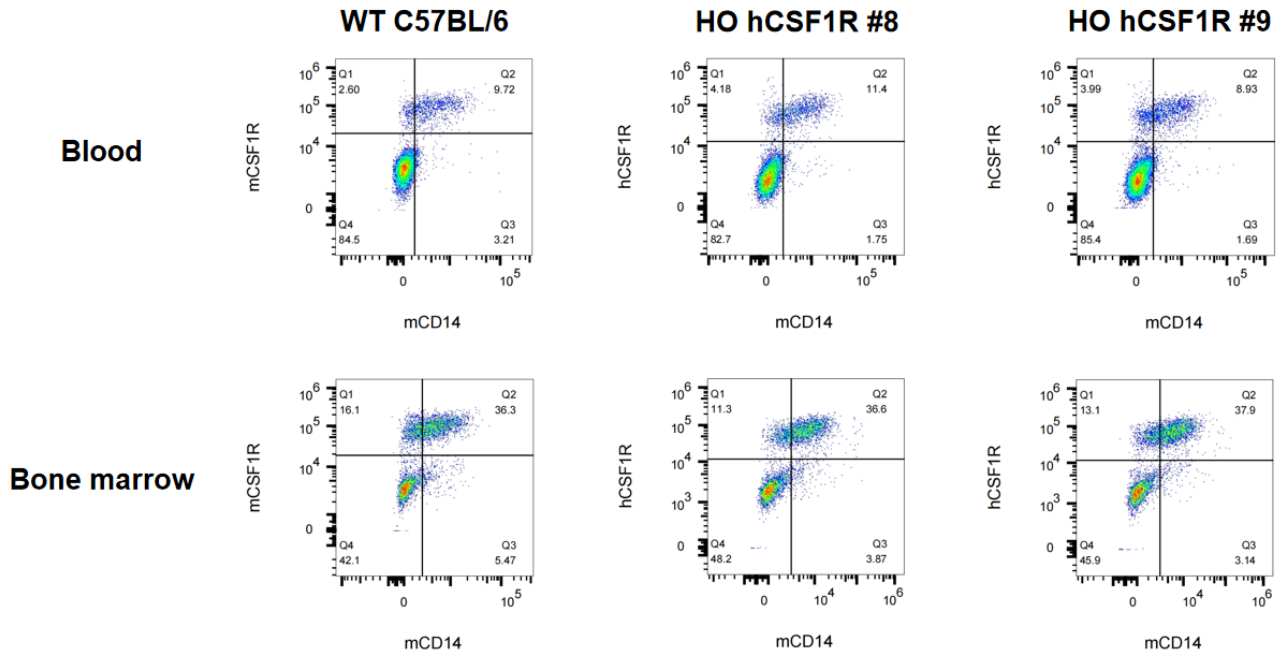

Fig2. Detection of hCSF1R expression in blood and bone marrow in hCSF1R(2) KI mice.

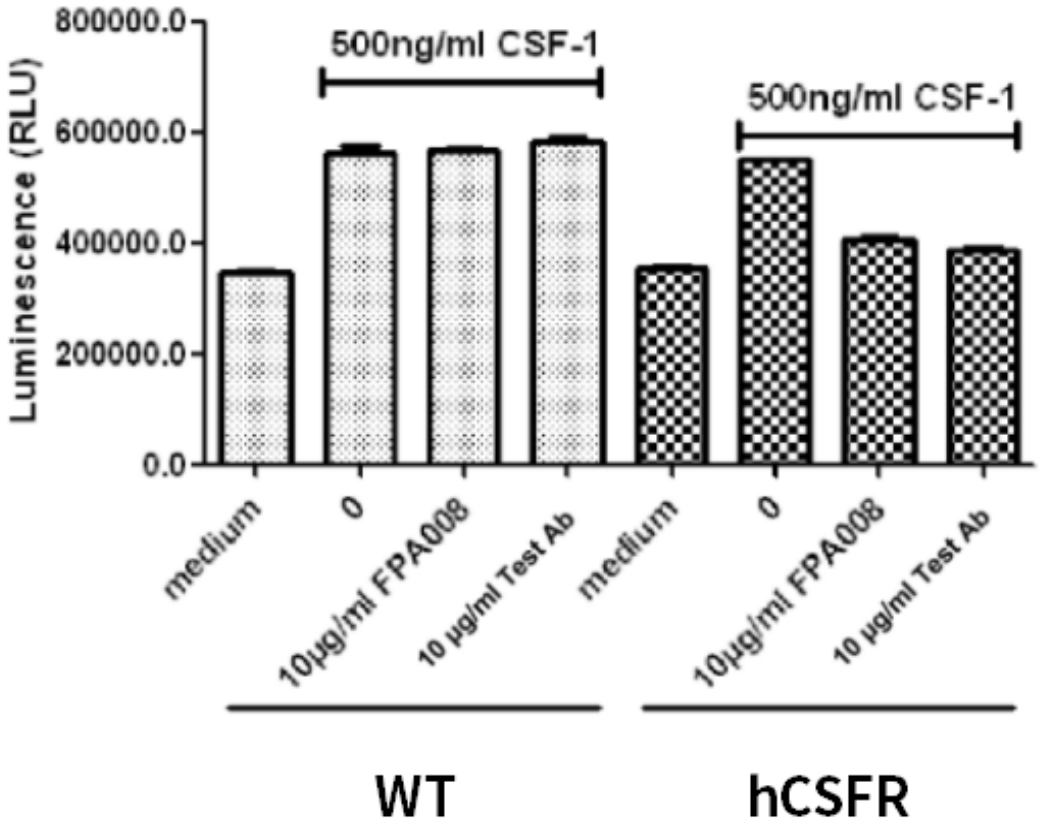

Fig3. FPA008 and human CSF-1R test Ab can effectively inhibit the growth of bone marrow cells in hCSF1R mice, confirming that this model is an appropriate platform for human anti-CSF-1R antibody evaluation.（FPA008，BMS，phase II）

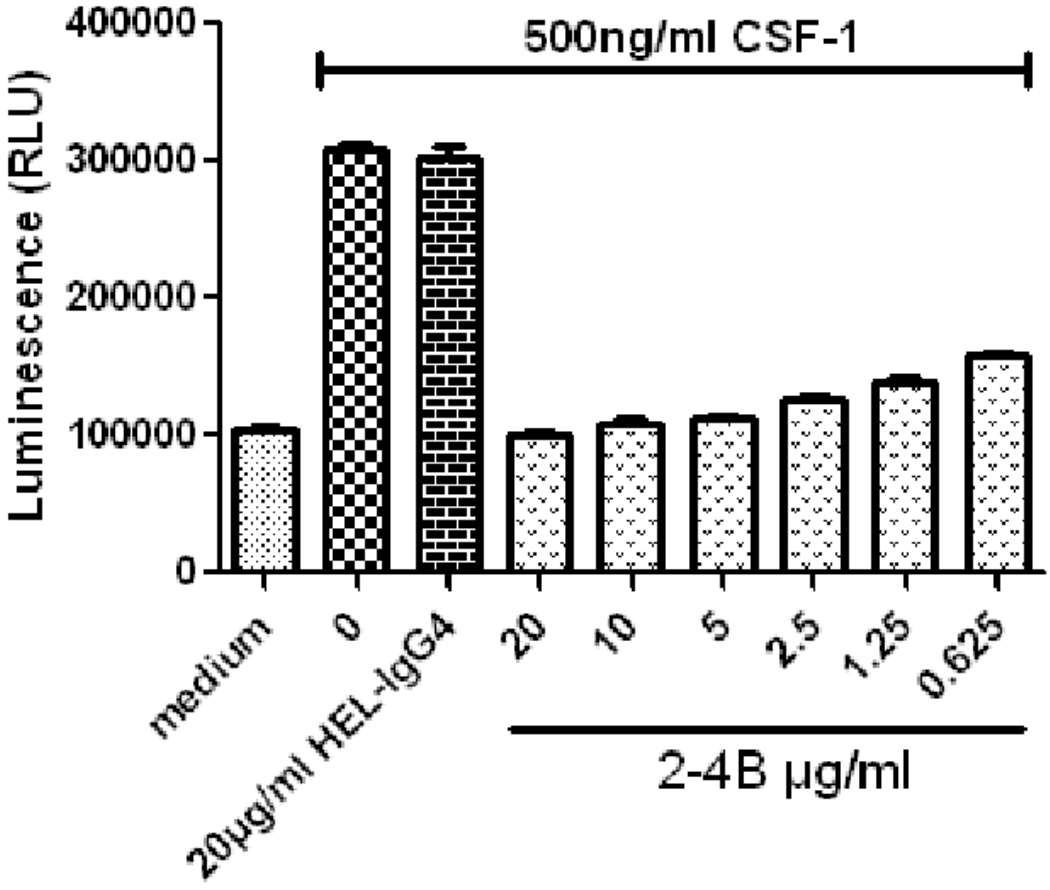

Fig4. Dose-dependent effect of huCSF-1R inhibitors on block the proliferation of macrophages in hCSF1R mice.