

hTREM2

品系全名	C57BL/6Smoc- <i>Trem2</i> ^{tm4(hTREM2)/Smoc}
目录号	NM-HU-2000083
品系状态	胚胎冻存

基因信息

基因名 Trem2	基因曾用名	TREM-2; Trem2a; Trem2b; Trem2c
	NCBI ID	83433
	MGI ID	1913150
	Ensembl ID	ENSMUSG00000023992
	人类同源基因	TREM2

品系描述

通过同源重组，将小鼠Trem2基因进行人源化修饰。

应用领域：阿尔兹海默病研究，药物筛选

*使用本品系发表的文献需注明: hTREM2 mice (Cat. NO. NM-HU-2000083) were purchased from Shanghai Model Organisms Center, Inc..

验证数据

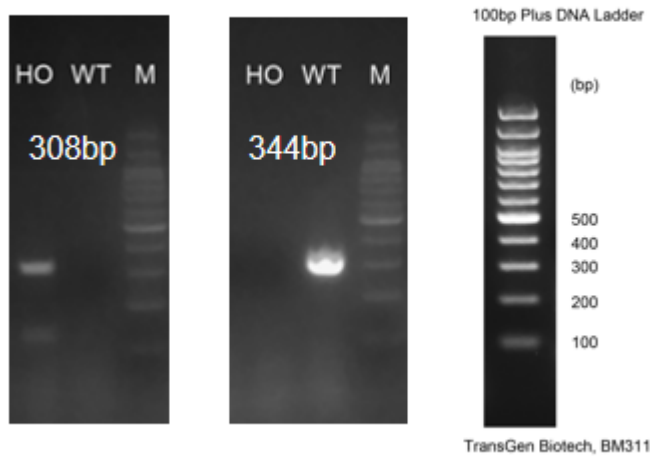


Fig1. Detection of TREM2 expression in brain by RT-PCR. Wild type: only one band at 344 bp with primers F1/R1(mTrem2); Homoygous: only one band at 308 bp with primers F2/R2(hTREM2); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

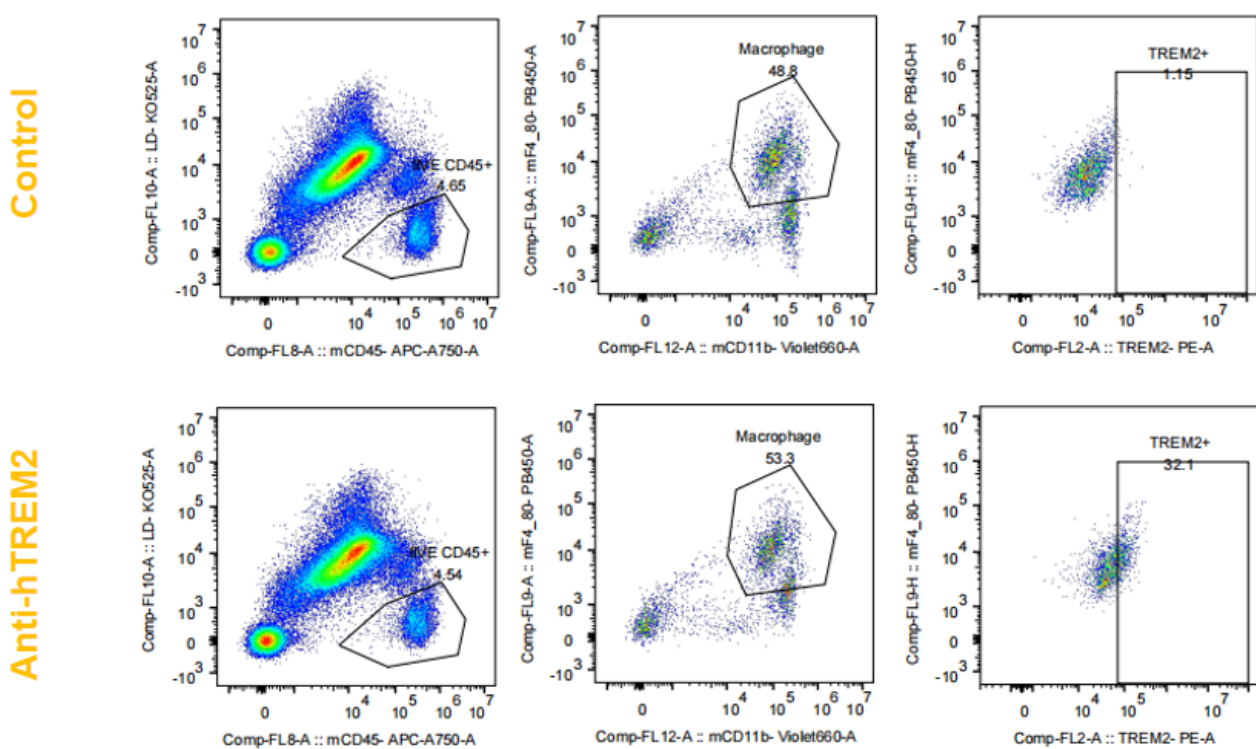


Fig2. hTREM2 Expression in Tumor-infiltrating Macrophages in hTREM2 Mice Bearing MC38 Syngenic Tumors. (Anti-hTREM2 antibody provided by the third party)

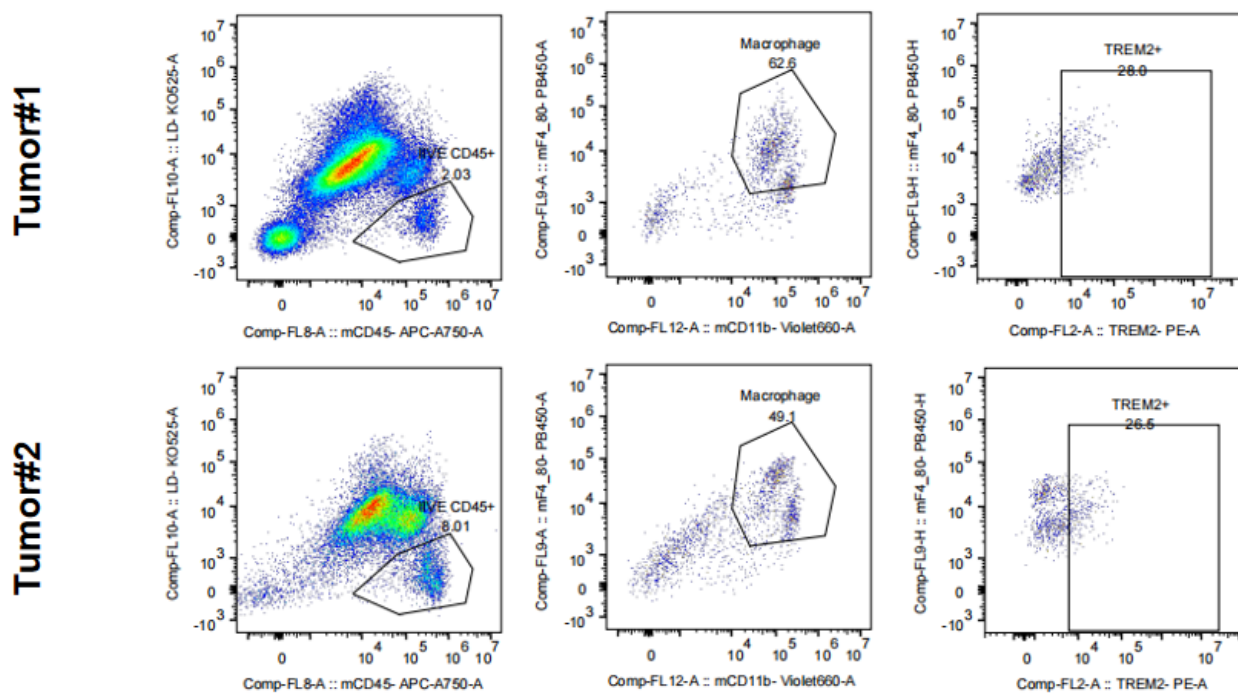


Fig3. hTREM2 Expression in Tumor-infiltrating Macrophages in hTREM2 Mice Bearing MC38 Syngenic Tumors. (The commercial Anti-hTREM2 antibody has cross reactivity with mouse TREM2)