

# hTIM3

<b>Nomenclature</b>	C57BL/6Smoc- <i>Havcr2</i> <sup>em1(hHAVCR2)/Smoc</sup>
<b>Cat. NO.</b>	NM-HU-00054
<b>Strain State</b>	Repository Live

## Gene Summary

<b>Gene Symbol</b> Havcr2	<b>Synonyms</b>	Tim3; TIM-3; Timd3
	<b>NCBI ID</b>	<a href="#">171285</a>
	<b>MGI ID</b>	<a href="#">2159682</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000020399</a>
	<b>Human Ortholog</b>	HAVCR2

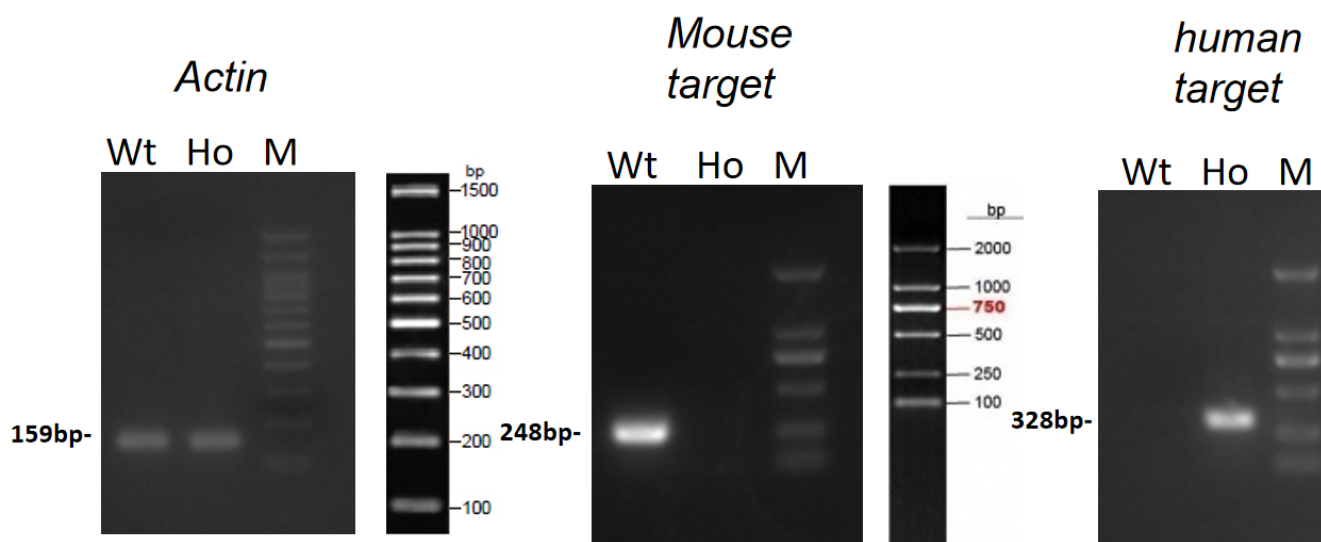
## Model Description

The endogenous mouse Tim3 gene was replaced by human TIM3 gene .

**Research Application:** Immunotherapy,cancer research,drug screening

\*Literature published using this strain should indicate: hTIM3 mice (Cat. NO. NM-HU-00054) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

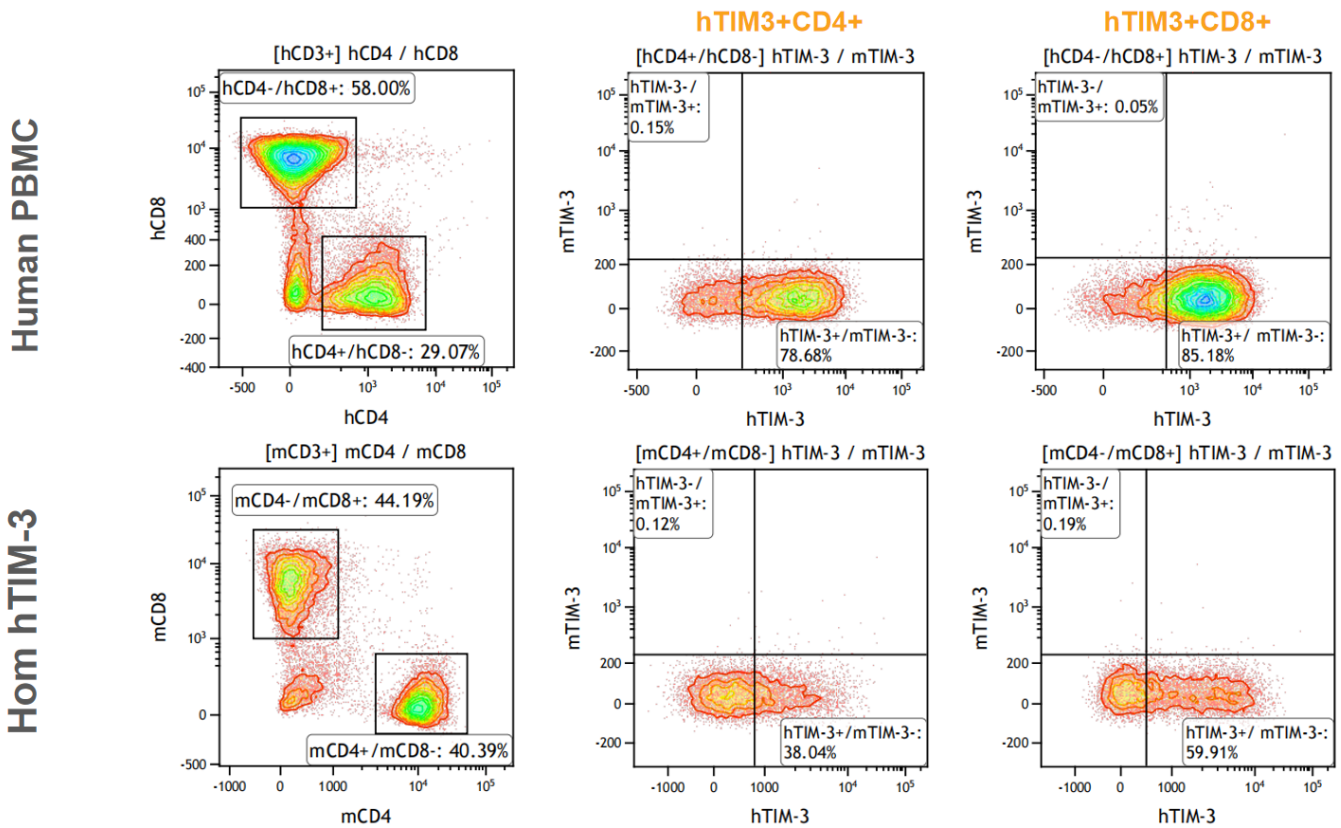


### Fig1. Detection of TIM3 expression by PCR.

Wild type: only one band at 248 bp with primers F2/R2(mTim3);

Homozygous: only one band at 328 bp with primers F1/R1(hTIM3);

Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.



**Fig2. Analysis of hTIM3 expression on stimulated CD4+ and CD8+ T cells in hTIM-3 knockin mice by FACS. (Completed in cooperation with CrownBio)**

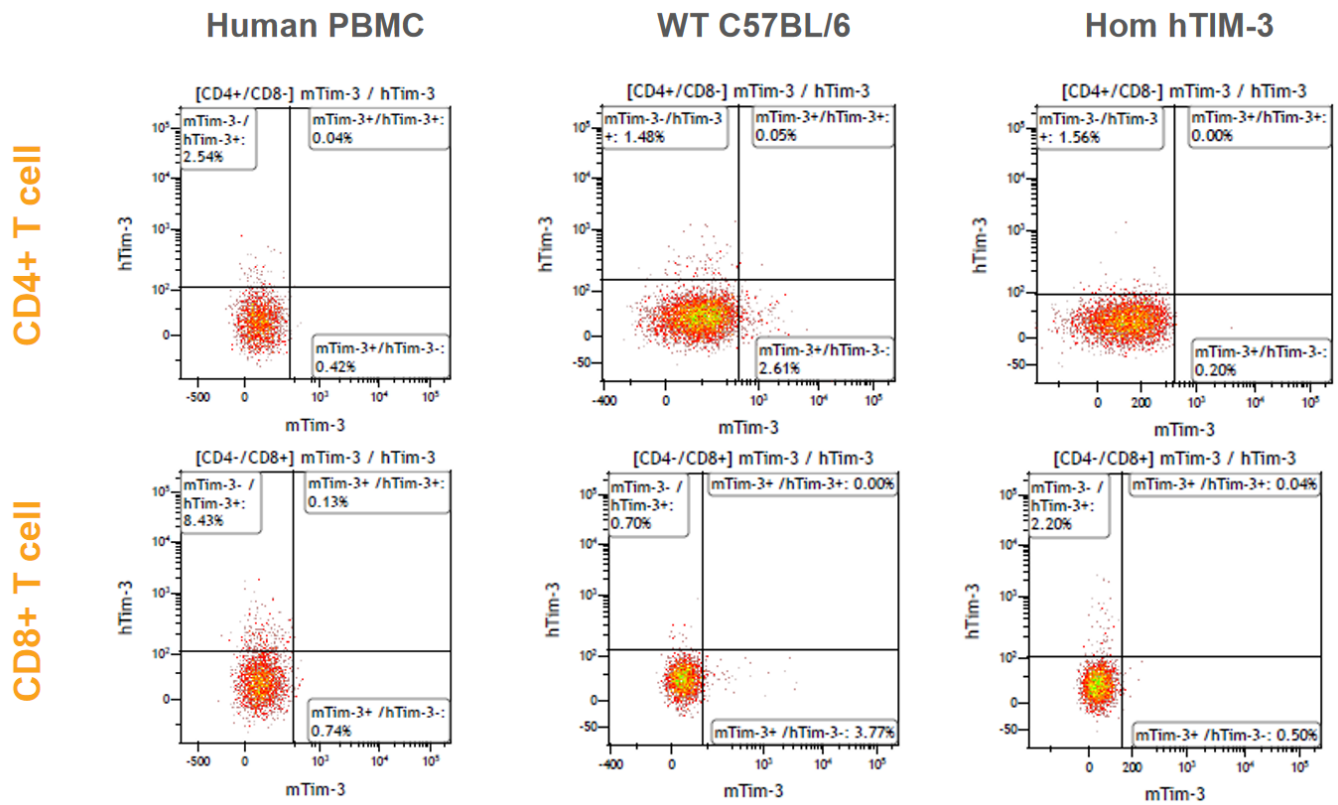


Fig3. Analysis of Tim-3 expression at very low levels on naive T cells by FACS.

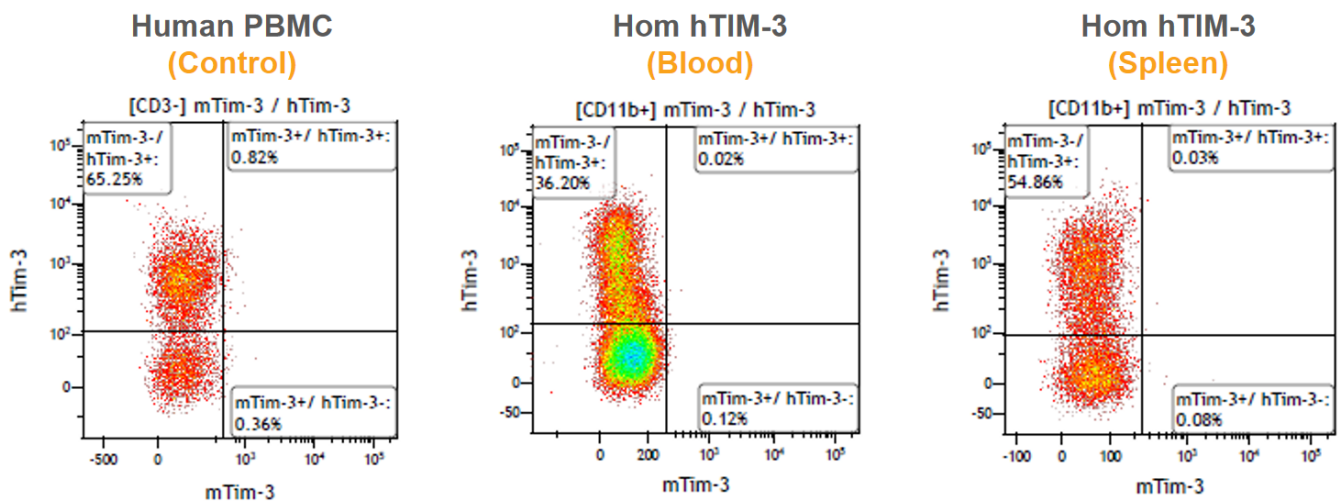


Fig4. Analysis of hTIM3 expression at high levels on CD11b+ myeloid cells by FACS.