

# hSTING(BALB/c)

<b>Nomenclature</b>	BALB/cAnSmoc- <i>tmem173</i> <sup>tm1(htmem173)/Smoc</sup>
<b>Cat. NO.</b>	NM-HU-2000049
<b>Strain State</b>	Embryo cryopreservation

## Gene Summary

<b>Gene Symbol</b> Tmem173	<b>Synonyms</b>	ERIS; MPYS; Mita; STING; STING-beta; 2610307O08Rik
	<b>NCBI ID</b>	<a href="#">72512</a>
	<b>MGI ID</b>	<a href="#">1919762</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000024349</a>
	<b>Human Ortholog</b>	TMEM173

## Model Description

The endogenous mouse Tmem173 gene was replaced by human TMEM173 gene.

**Research Application:** Immunotherapy, drug screening

\*Literature published using this strain should indicate: hSTING(BALB/c) mice (Cat. NO. NM-HU-2000049) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

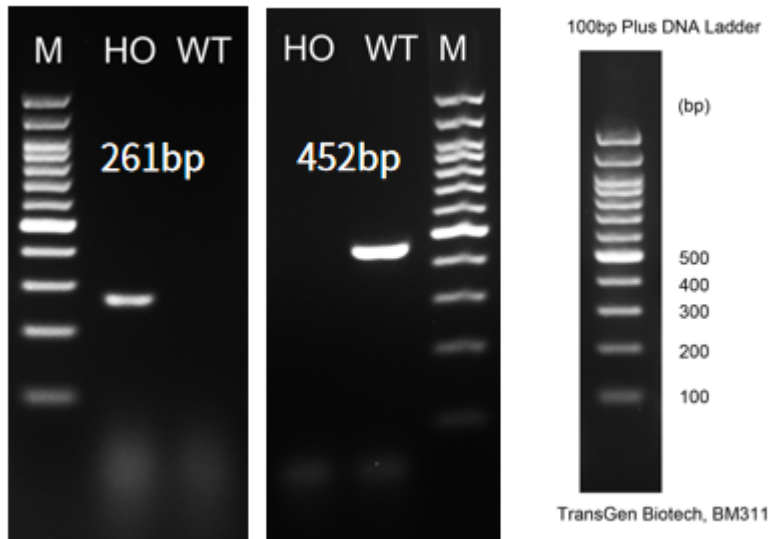


Fig1. Detection of STING expression in thymus by RT-PCR.

Wild type: only one band at 452 bp with primers F1/R1 (mSting);

Homozygous: only one band at 261 bp with primers F2/R2 (hSTING);

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

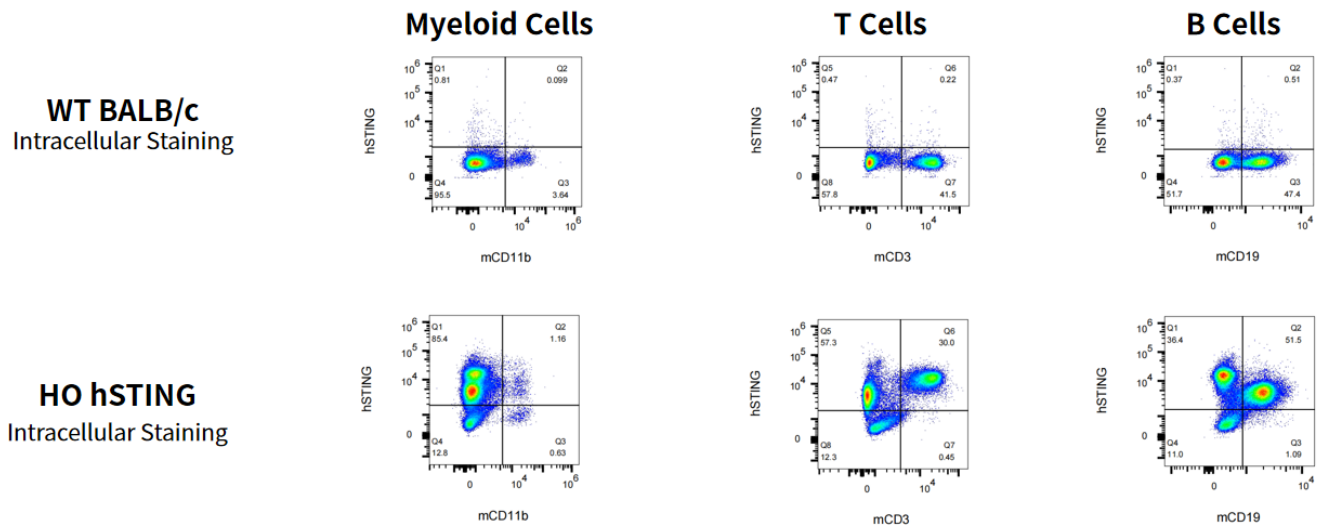


Fig2. Detection of hSTING expression in spleen in hSTING(BALB/c) mice by FACS.

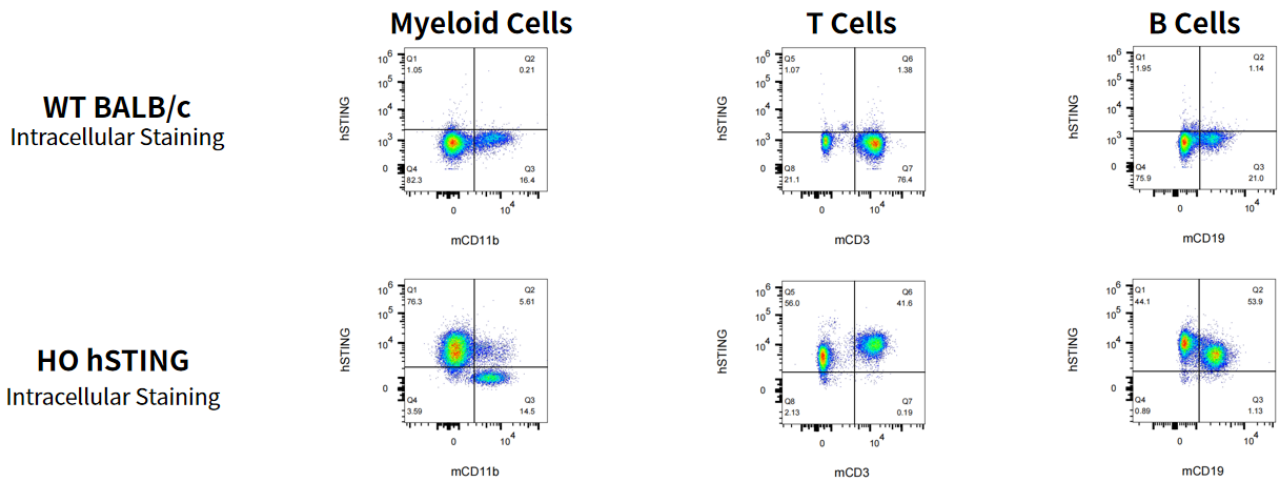


Fig3. Detection of hSTING expression in blood in hSTING(BALB/c) mice by FACS.