

## hTL1A(BALB/c)

**Nomenclature** BALB/cAnSmoc-*Tnfsf15*<sup>em1(hTNFSF15)Smoc</sup>

**Cat. NO.** NM-HU-220602

Strain State Repository Live

## **Gene Summary**

Gene Symbol Tnfsf15	Synonyms	Tl1; Tl1a; Vegi; Tnlg1b
	NCBI ID	326623
	MGI ID	<u>2180140</u>
	Ensembl ID	ENSMUSG00000050395
	Human Ortholog	TNFSF15

## **Model Description**

The endogenous mouse Tnfsf15 gene was replaced by human TNFSF15 gene.

\*Literature published using this strain should indicate: hTL1A(BALB/c) mice (Cat. NO. NM-HU-220602) were purchased from Shanghai Model Organisms Center, Inc..

## **Validation Data**

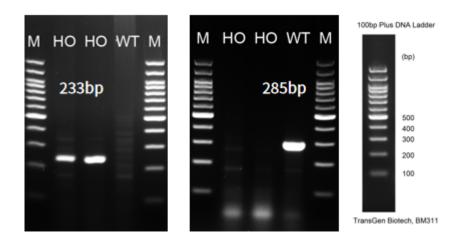


Fig.1 Detection of TL1A expression in bladder by RT-PCR.



Wild type: only one band at 285 bp with primers F1/R1 (mTl1a);

Homozygous: only one band at 233 bp with primers F2/R2 (hTL1A).

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

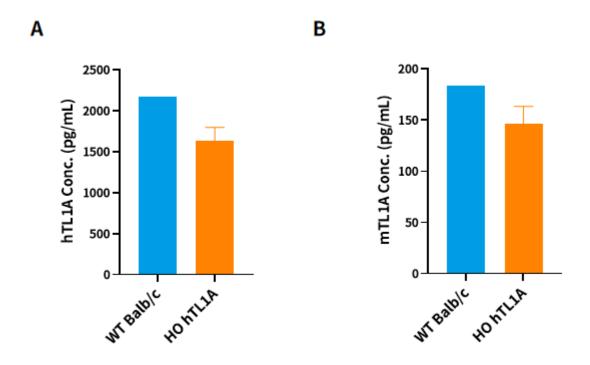


Fig.2 Detection of hTL1A (A) and mTL1A (B) expression in lung homogenate by ELISA (n=3).

Abbr. HO, homozygous; WT, wild type.

Note. hTL1A and BALB/c mice were i.p. injected with LPS for 6h. The anti-human and mouse TL1A kit cross-reacted with mTL1A and humanized TL1A.



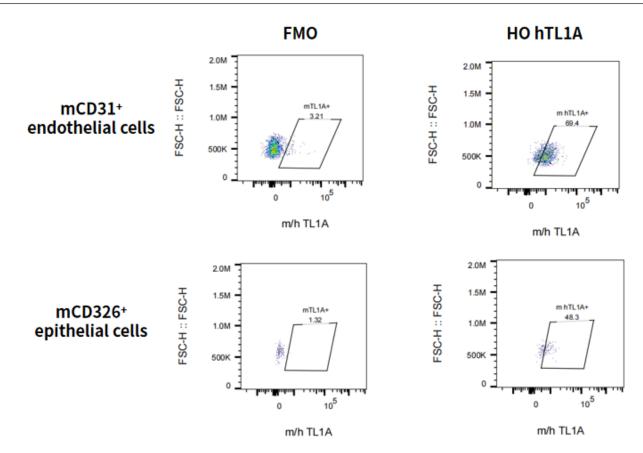


Fig.3 Detection of TL1A expression on endothelial and epithelial cells in lung in hTL1A mice Note. The hom hTL1A mice were stimulated with LPS in vivo.