

# hAPRIL

<b>Nomenclature</b>	C57BL/6Smoc- <i>Tnfsf13</i> <sup>em(hTNFSF13)Smoc</sup>
<b>Cat. NO.</b>	NM-HU-220521
<b>Strain State</b>	Repository Live

## Gene Summary

<b>Gene Symbol</b>	<b>Synonyms</b>	2310026N09Rik APRIL TALL2 TRDL1
	<b>NCBI ID</b>	<a href="#">69583</a>
	<b>MGI ID</b>	<a href="#">1916833</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000089669</a>
	<b>Human Ortholog</b>	TNFSF13

## Model Description

The endogenous mouse *Tnfsf13* gene was replaced by human TNFSF13 gene.

\*Literature published using this strain should indicate: hAPRIL mice (Cat. NO. NM-HU-220521) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

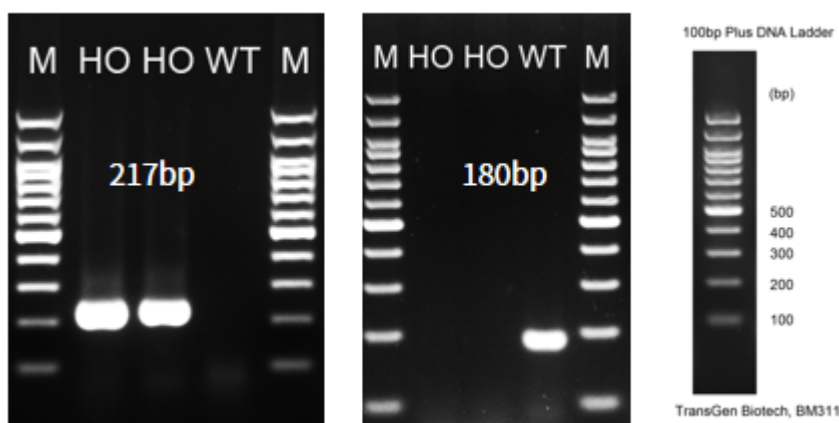


Fig.1 Detection of TNFSF13 expression in lung by RT-PCR.

Wild type: only one band at 180 bp with primers F1/R1 (mTnfsf13);

Homozygous: only one band at 217 bp with primers F2/R2 (hTNFSF13).

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

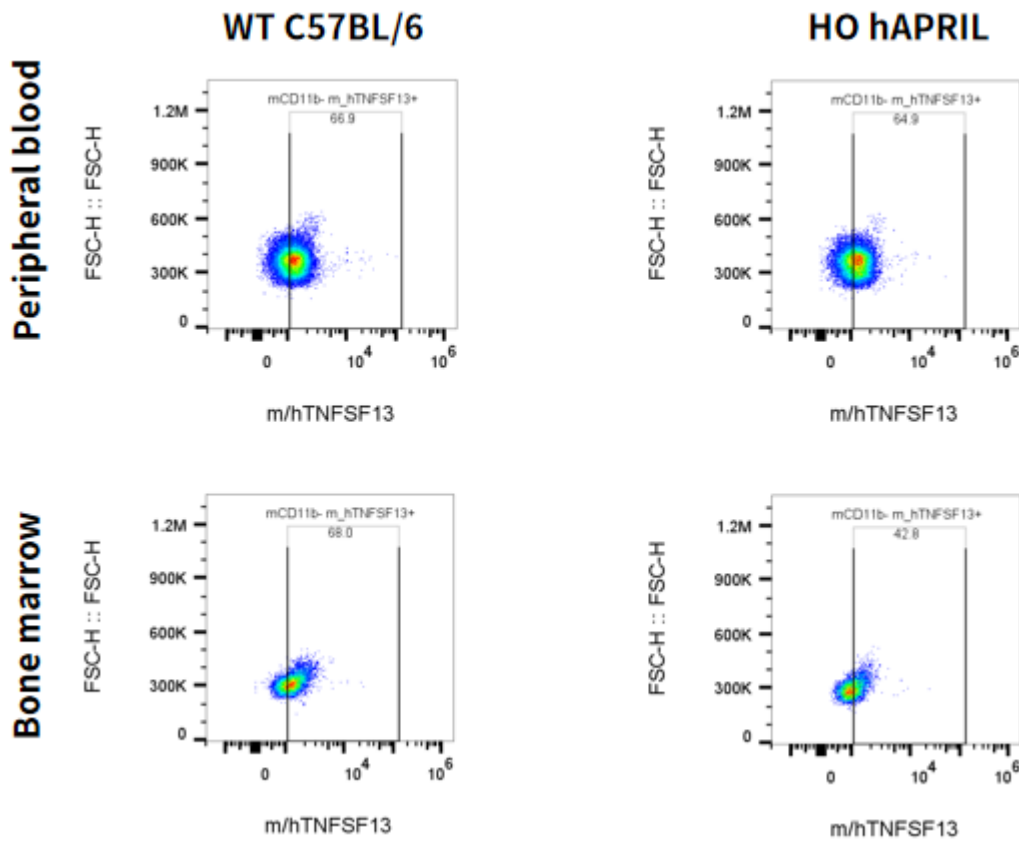


Fig.2 Detection of hTNFSF13 expression on CD11b<sup>-</sup> cells in Peripheral blood and Bone marrow in hAPRIL mice.

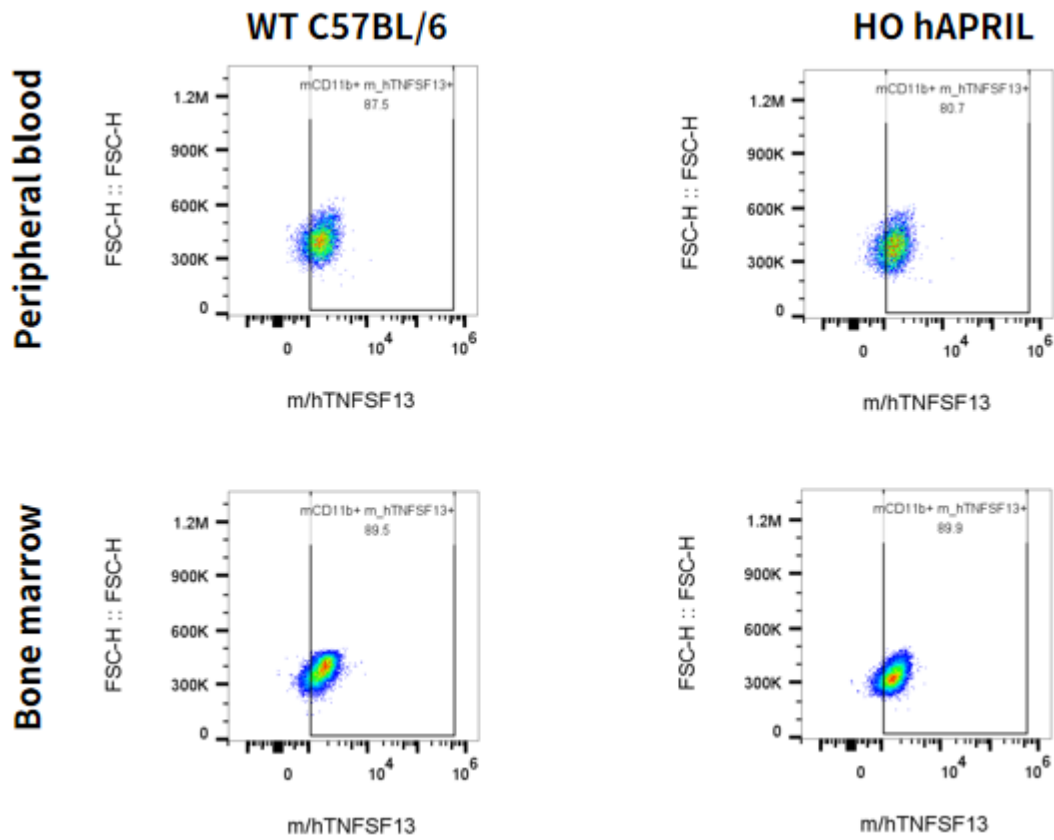


Fig.3 Detection of hTNFSF13 expression on CD11b<sup>+</sup> cells in Peripheral blood and Bone marrow in hAPRIL mice.