

hAPRIL

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

Gene Summary

Gene Symbol	Synonyms	2310026N09Rik APRIL TALL2 TRDL1
	NCBI ID	69583
	MGI ID	1916833
	Ensembl ID	ENSMUSG00000089669
	Human Ortholog	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

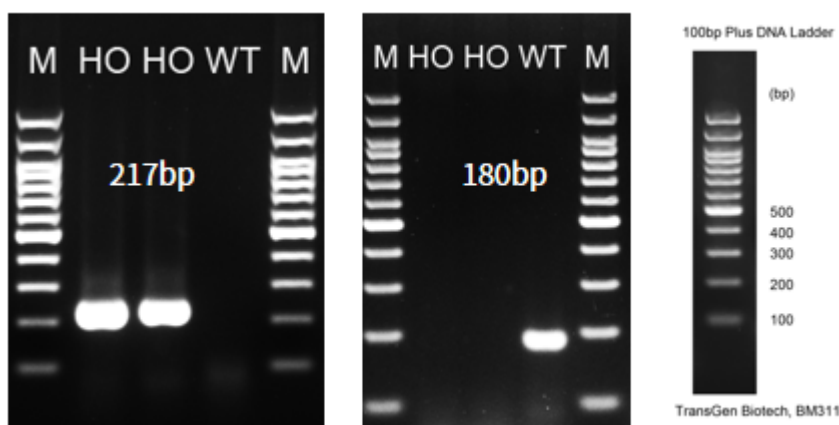


Fig.1 Detection of TNFSF13 expression in lung by RT-PCR.

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.

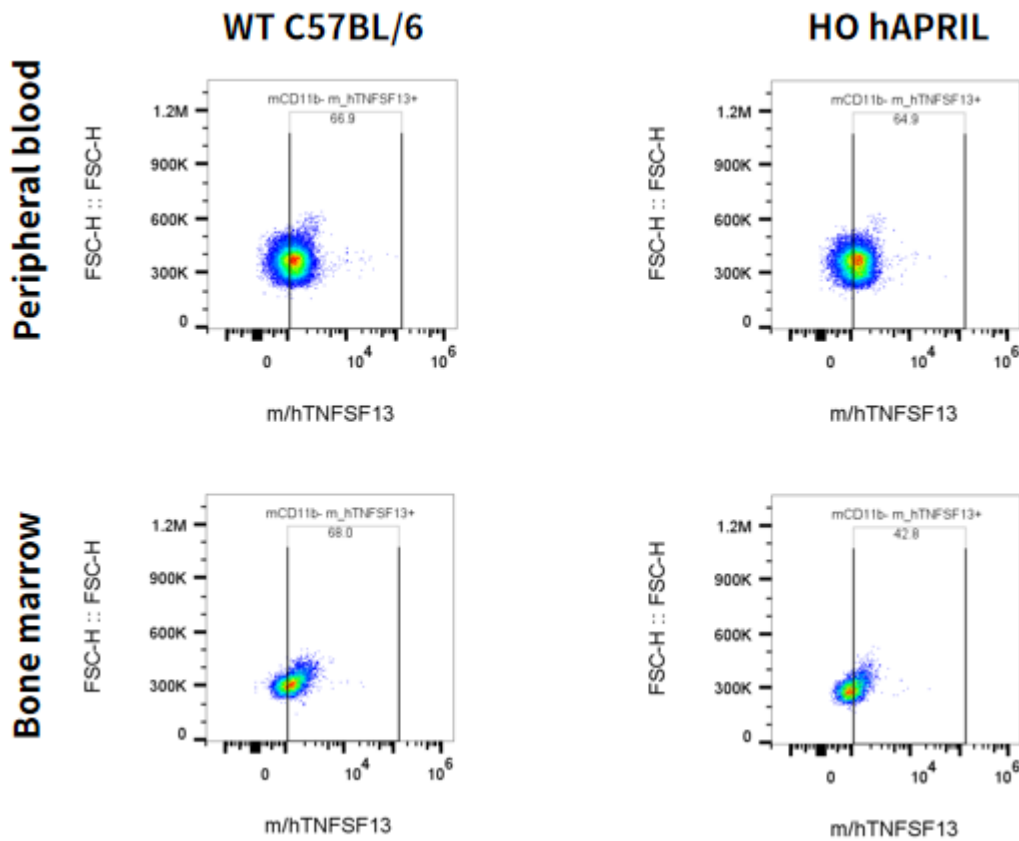


Fig.2 Detection of hTNFSF13 expression on CD11b⁻ cells in Peripheral blood and Bone marrow in hAPRIL mice.

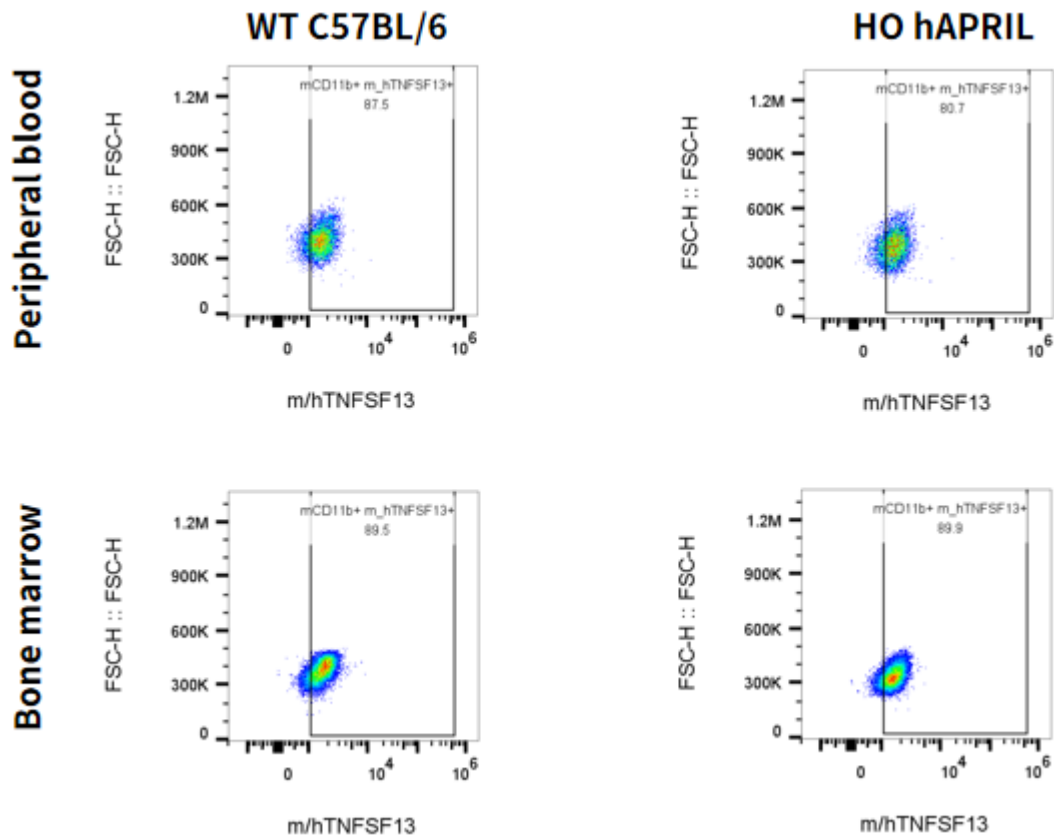


Fig.3 Detection of hTNFSF13 expression on CD11b⁺ cells in Peripheral blood and Bone marrow in hAPRIL mice.