

# hIL13(BALB/c)

<b>Nomenclature</b>	BALB/cAnSmoc- <i>Il13</i> <sup>em2(hIL13)Smoc</sup>
<b>Cat. NO.</b>	NM-HU-220019
<b>Strain State</b>	Embryo cryopreservation

## Gene Summary

<b>Gene Symbol</b> IL13	<b>Synonyms</b>	IL-13; P600
	<b>NCBI ID</b>	<a href="#">16163</a>
	<b>MGI ID</b>	<a href="#">96541</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000020383</a>
	<b>Human Ortholog</b>	IL13

## Model Description

The endogenous mouse Il13 gene was replaced by human IL13 gene.

\*Literature published using this strain should indicate: hIL13(BALB/c) mice (Cat. NO. NM-HU-220019) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

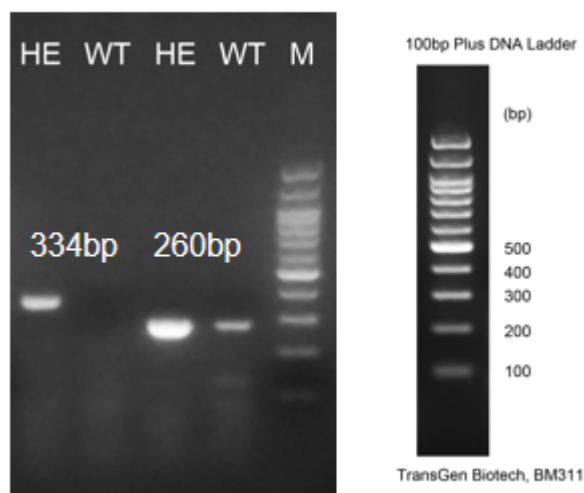


Fig1. Detection of IL-13 expression in thymus by RT-PCR. Wild type: only one band at 260 bp with primers F1/R1(mIL-13); Heterozygous: one band at 260 bp with primers F1/R1(mIL-13) and one band at 334 bp with primers F2/R2(hIL-13); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

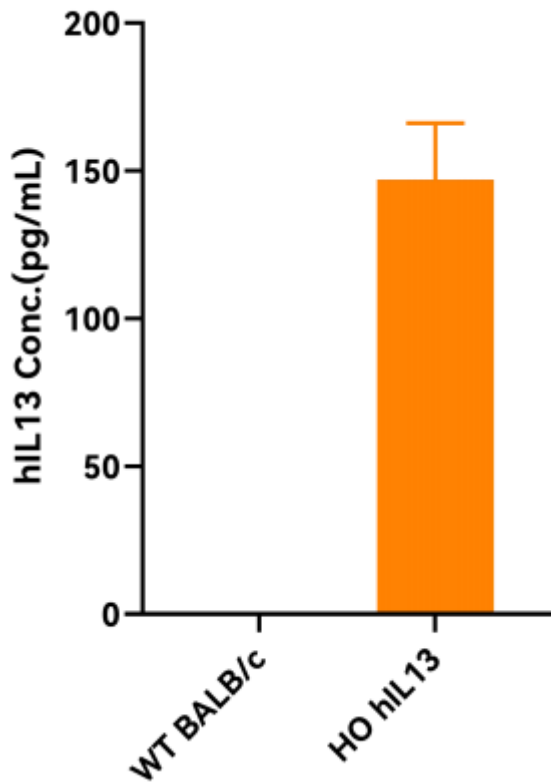


Fig2. Detection of hIL13 expression in cell culture supernatant by ELISA. Abbr. HO, homozygous; HE, heterozygous; WT, wild type. Note. Splenocytes from BALB/c and homozygous hIL13 mice were stimulated with ConA *in vitro*.

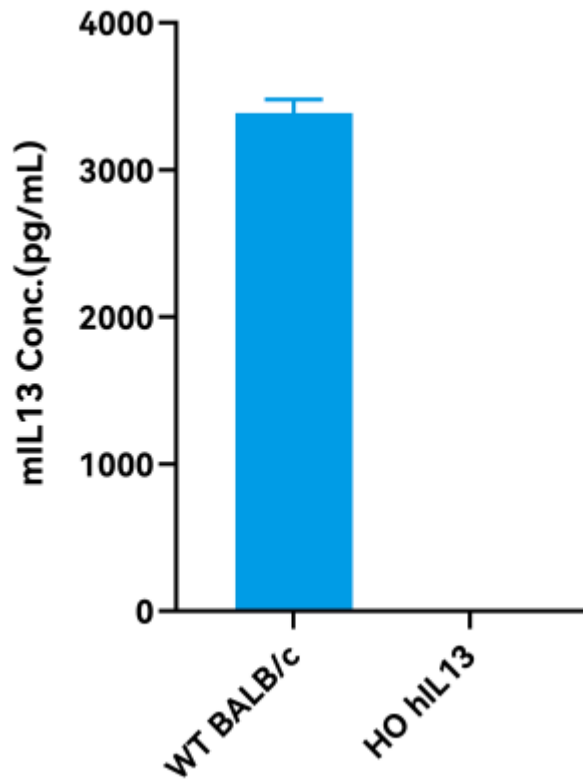


Fig3. Detection of mIL13 expression in cell culture supernatant by ELISA. Abbr. HO, homozygous; HE, heterozygous; WT, wild type. Note. Splenocytes from BALB/c and homozygous hIL13 mice were stimulated with ConA *in vitro*.