

hIL13(BALB/c)

Nomenclature BALB/cAnSmoc-//13^{em2(hlL13)Smoc}

Cat. NO. NM-HU-220019

Strain State Embryo cryopreservation

Gene Summary

Gene Symbol IL13	Synonyms	IL-13; P600
	NCBI ID	<u>16163</u>
	MGI ID	<u>96541</u>
	Ensembl ID	ENSMUSG00000020383
	Human Ortholog	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



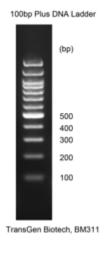




Fig1. Detection of IL-13 expression in thymus by RT-PCR. Wild type: only one band at 260 bp with primers F1/R1(mIl-13); Heterozygous: one band at 260 bp with primers F1/R1(mIl-13) and one band at 334 bp with primers F2/R2(hIL-13); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

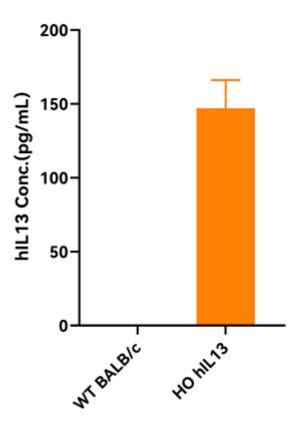


Fig2. Detection of hIL13 expression in cell culture supernatant by ELISA. Abbr. HO, homozygous; HE, heterozygous; WT, wild type. Note. Splenocytes from BALB/c and homozygous hIL13 mice were stimulated with ConA *in vitro*.



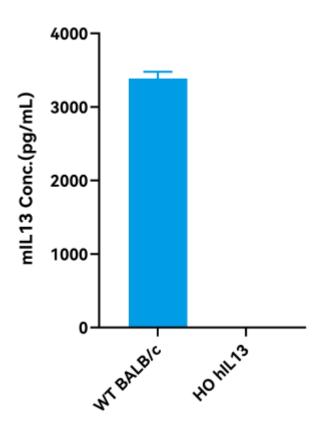


Fig3. Detection of mIL13 expression in cell culture supernatant by ELISA. Abbr. HO, homozygous; HE, heterozygous; WT, wild type. Note. Splenocytes from BALB/c and homozygous hIL13 mice were stimulated with ConA *in vitro*.