

hIL1B(BALB/c)

Nomenclature	BALB/cAnSmoc- <i>Il1b</i> ^{tm3(hIL1B)Smoc}
Cat. NO.	NM-HU-220017
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol IL1B	Synonyms	Il-1b; IL-1beta
	NCBI ID	16176
	MGI ID	96543
	Ensembl ID	ENSMUSG00000027398
	Human Ortholog	IL1B

Model Description

The endogenous mouse *Il1b* gene was replaced by human IL1B gene.

*Literature published using this strain should indicate: hIL1B(BALB/c) mice (Cat. NO. NM-HU-220017) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

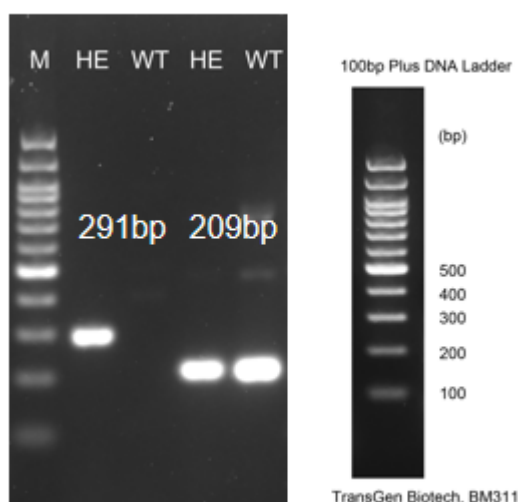


Fig1. Detection of IL-1B expression in spleen and lung by RT-PCR. Wild type: only one band at 209 bp with primers F1/R1(ml-1b);Heterozygous: one band at 209 bp with primers F1/R1(ml-1b) and one band at 291 bp with primers F2/R2(hIL-1B); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

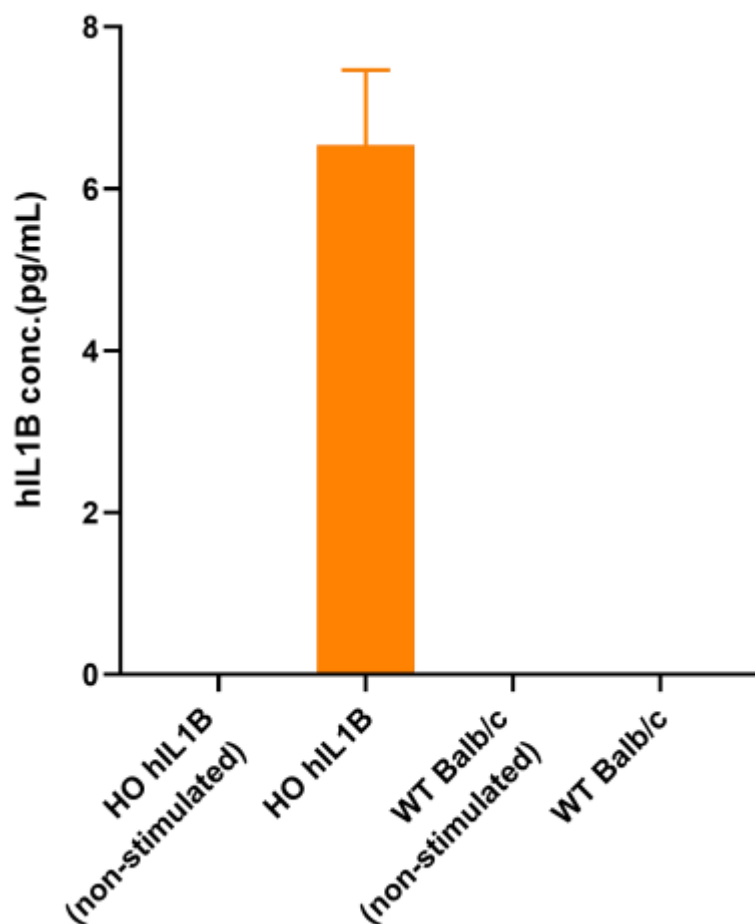


Fig 2. Detection of hIL1B expression in plasma by ELISA. Abbr. HO, homozygous; HE, heterozygous; WT, wild type. Note. hIL1B and Balb/c mice were i.p. injected with LPS(10mg/kg) for 6h.