

hITGB1

Nomenclature	C57BL/6Smoc- <i>Itgb1</i> ^{em1(hITGB1)Smoc}
Cat. NO.	NM-HU-225040
Strain State	Repository Live

Gene Summary

Gene Symbol Itgb1	Synonyms	CD29; Fnrb; gpIIa; Gm9863; AA409975; AA960159; 4633401G24Rik
	NCBI ID	16412
	MGI ID	96610
	Ensembl ID	ENSMUSG00000025809
	Human Ortholog	ITGB1

Model Description

The endogenous mouse *Itgb1* gene was replaced by human ITGB1 gene.

*Literature published using this strain should indicate: hITGB1 mice (Cat. NO. NM-HU-225040) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

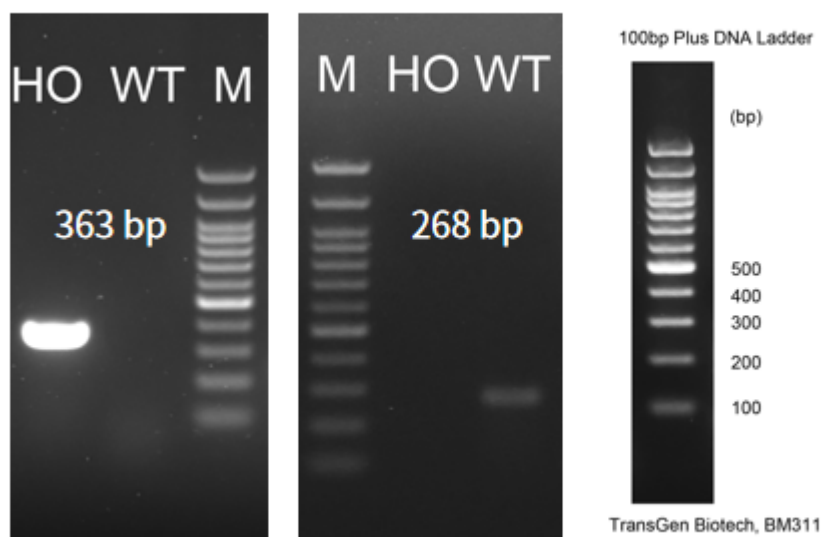


Fig1. Detection of ITGB1 expression in bladder by RT-PCR.

Wild type: only one band at 268 bp with primers F1/R1(mltgb1);

Homozygous: only one band at 363 bp with primers F2/R2(hITGB1);

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

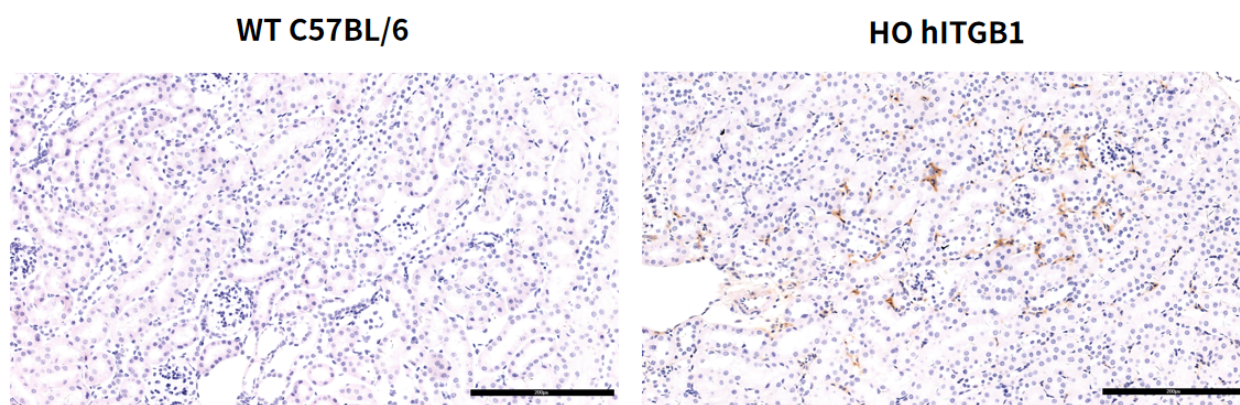


Fig2. Detection of human ITGB1 expression in Kidney in C57BL/6 and HO hITGB1 mice by IHC.
(Abbr. HO, homozygous; WT, wild type.)

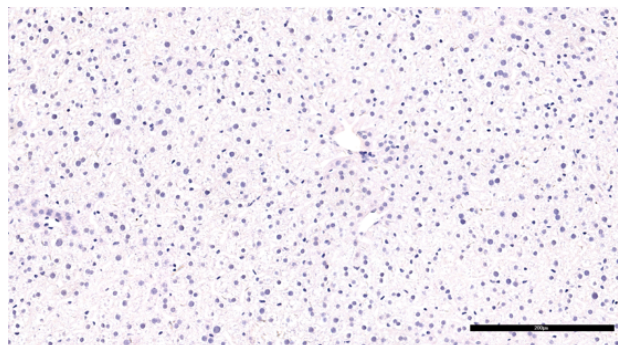
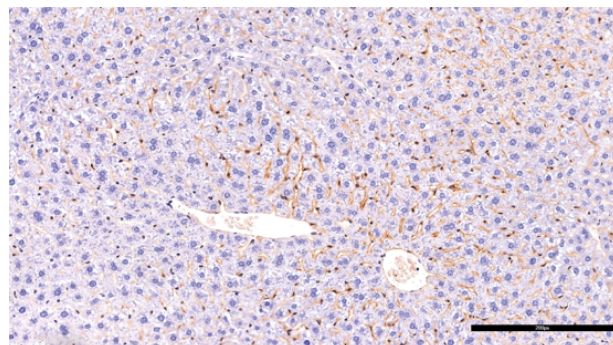
WT C57BL/6**HO hITGB1**

Fig3. Detection of human ITGB1 expression in Liver in C57BL/6 and HO hITGB1 mice by IHC. (Abbr. HO, homozygous; WT, wild type.)