

hHLA-DPB1*04: 01

Nomenclature	C57BL/6Smoc- <i>H2-Ab1</i> ^{em1(hHLA-DPB1*04: 01)/Smoc}
Cat. NO.	NM-HU-210011
Strain State	Sperm cryopreservation

Gene Summary

Gene Symbol H2-Ab1	Synonyms	IAb; Ia2; Ia-2; Abeta; H-2Ab; H2-Ab; Rmcs1; I-Abeta
	NCBI ID	14961
	MGI ID	103070
	Ensembl ID	ENSMUSG00000073421
	Human Ortholog	HLA-DQB2
Gene Symbol H2-Ab1	Synonyms	IAb; Ia2; Ia-2; Abeta; H-2Ab; H2-Ab; Rmcs1; I-Abeta; AI845868
	NCBI ID	14961
	MGI ID	103070
	Ensembl ID	ENSMUSG00000073421

Model Description

The endogenous mice H2-Ab1 gene was replaced by human HLA-DPB1*04:01 gene.

Research Application: immune therapy; drug screening

*Literature published using this strain should indicate: hHLA-DPB1*04: 01 mice (Cat. NO. NM-HU-210011) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

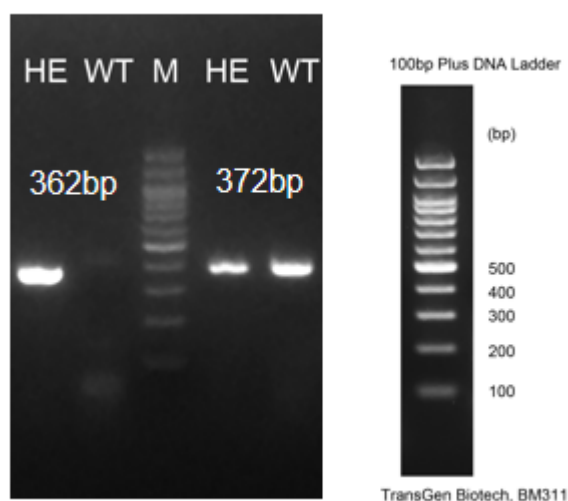


Fig1. Detection of HLA-DPB1*04:01 expression in spleen by RT-PCR. Wild type: only one band at 372 bp with primers F1/R1(mH2-Ab1); Heterozygous: one band at 372 bp with primers F1/R1(mH2-Ab1) and one band at 362 bp with primers F2/R2(hHLA-DPB1*04:01); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.