

hPVRL2

Nomenclature	C57BL/6Smoc- <i>Nectin2</i> ^{tm1(hNECTIN2)/Smoc}
Cat. NO.	NM-HU-2000084
Strain State	Repository Live

Gene Summary

Gene Symbol Nectin2	Synonyms	MPH; Pvr; Pvs; Cd112; Pvrl2; AI325026; AI987993; nectin-2
	NCBI ID	19294
	MGI ID	97822
	Ensembl ID	ENSMUSG00000062300
	Human Ortholog	PVRL2

Model Description

The endogenous mouse Nectin2 gene was replaced by human PVRL2 gene.

Research Application: Immunotherapy, drug screening

*Literature published using this strain should indicate: hPVRL2 mice (Cat. NO. NM-HU-2000084) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

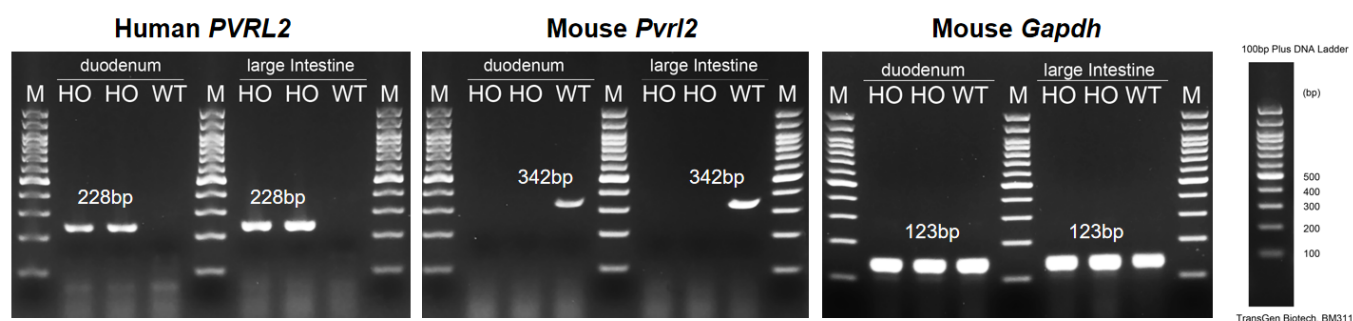


Fig1. Detection of PVRL2 expression in duodenum and large Intestine by RT-PCR.

Wild type: only one band at 342 bp with primers F1/R1 (mPvrl2);

Homozygous: only one band at 228 bp with primers F2/R2 (hPVRL2);

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

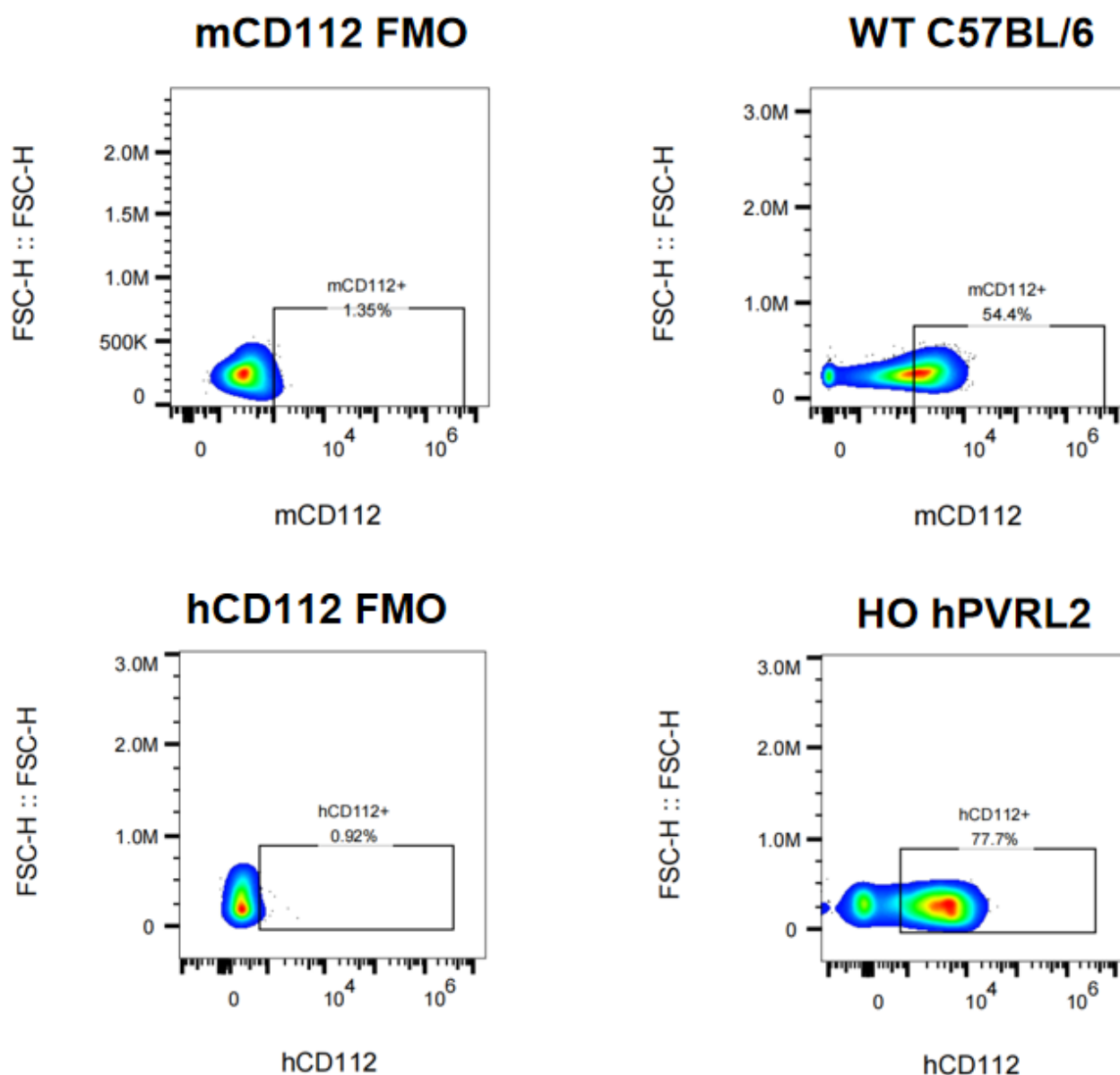


Fig2. Detection of human PVRL2 expression in duodenum and large Intestine in hPVRL2 KI mice.

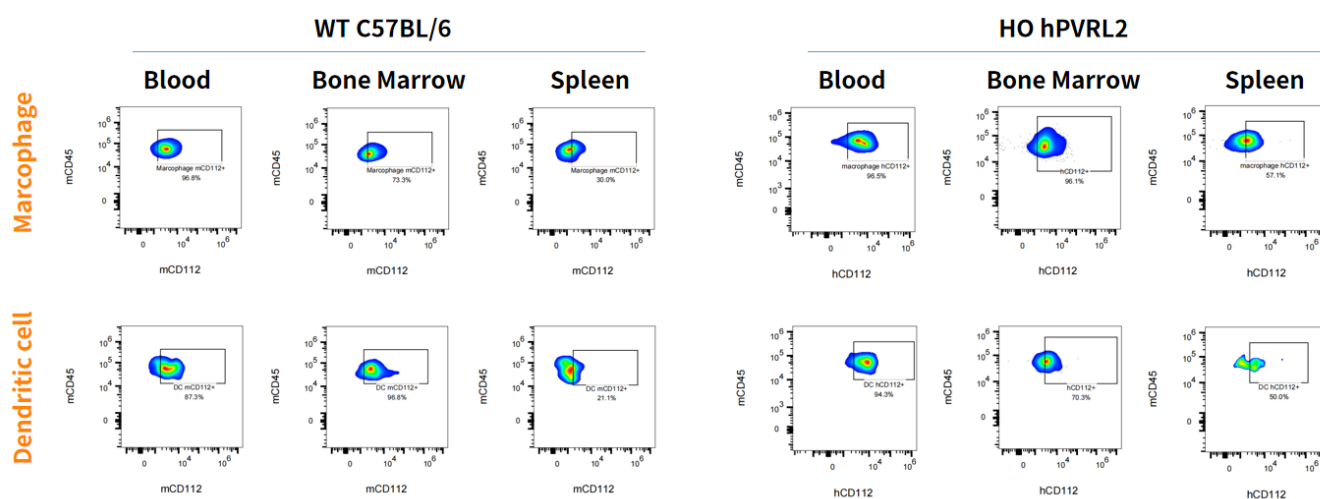


Fig3. Detection of hPVRL2 expression on macrophages and dendritic cells in hPVRL2 KI mice.