

# hPVRL2

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

## Gene Summary

<b>Gene Symbol</b> <b>Nectin2</b>	<b>Synonyms</b>	MPH; Pvr; Pvs; Cd112; Pvrl2; AI325026; AI987993; nectin-2
	<b>NCBI ID</b>	<a href="#">19294</a>
	<b>MGI ID</b>	<a href="#">97822</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000062300</a>
	<b>Human Ortholog</b>	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

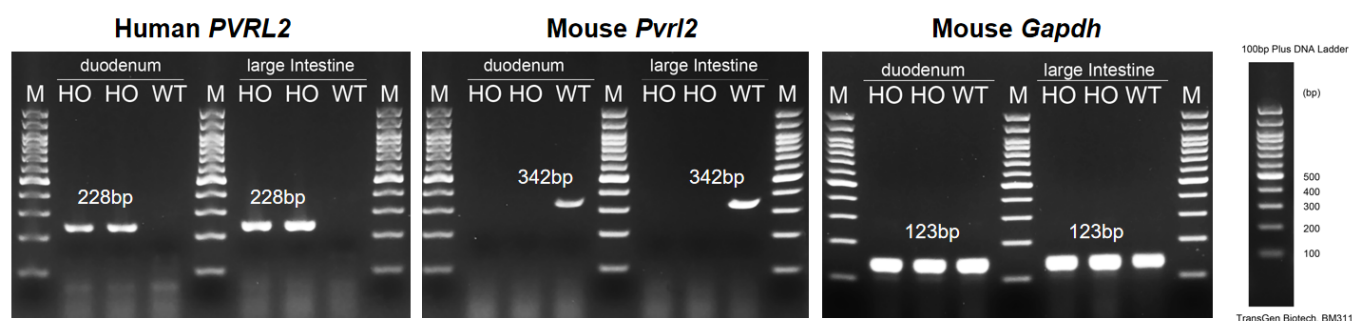
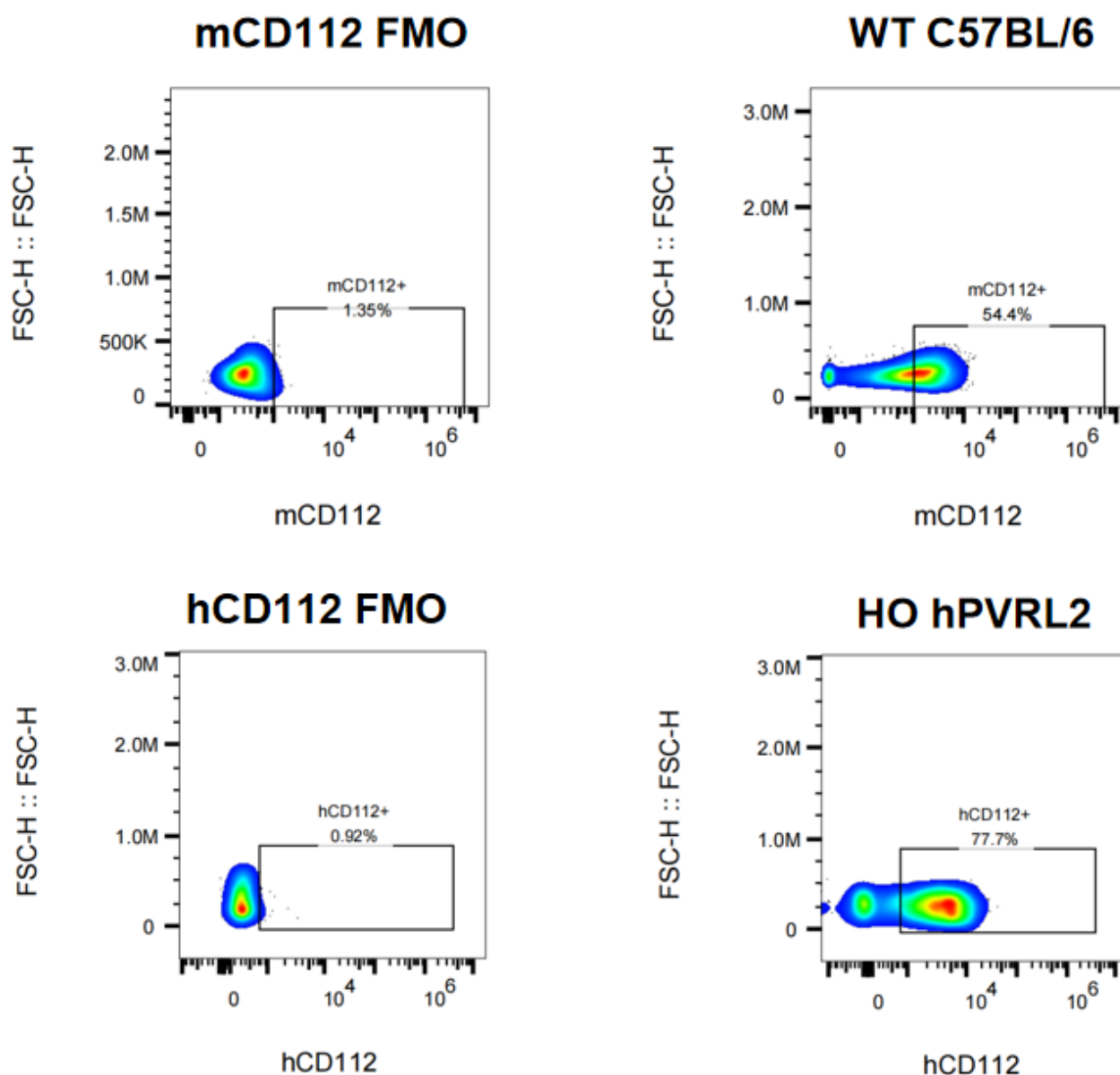


Fig1. Detection of PVRL2 expression in duodenum and large Intestine by RT-PCR.

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.**

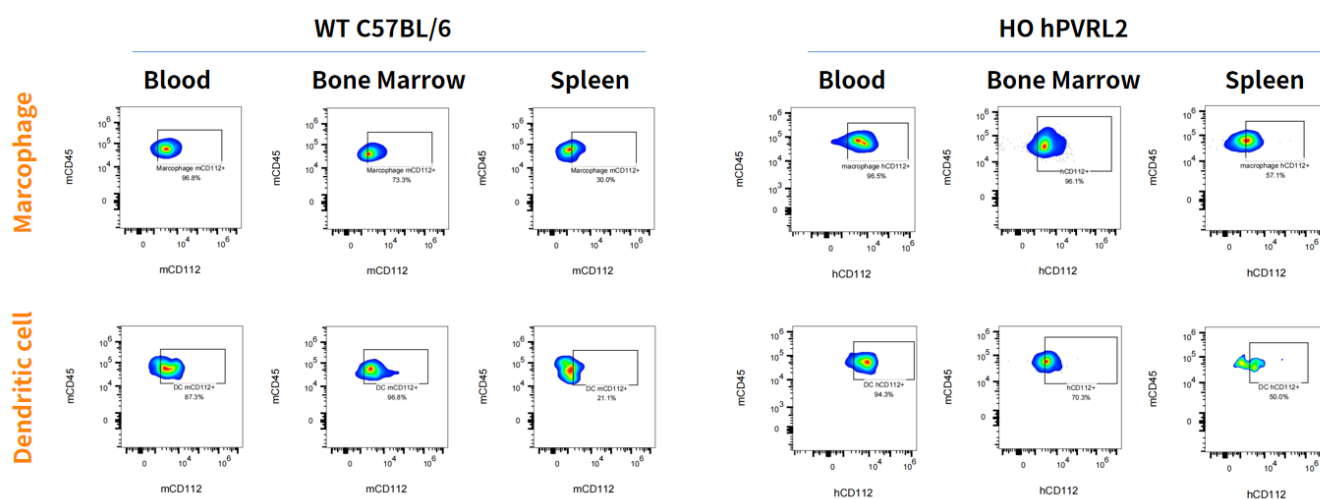


Fig3. Detection of hPVRL2 expression on macrophages and dendritic cells in hPVRL2 KI mice.