

hTIGIT/hPVR

Nomenclature	C57BL/6Smoc- <i>Tigit</i> ^{em1(hTIGIT)} <i>Pvr</i> ^{em1(hPVR)} <i>Smoc</i>
Cat. NO.	NM-HU-2000091
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol TIGIT	Synonyms	Vstm3
	NCBI ID	100043314
	MGI ID	3642260
	Ensembl ID	ENSMUSG00000071552
	Human Ortholog	TIGIT
Gene Symbol PVR	Synonyms	PVS; mE4; HVED; Taa1; CD155; Tage4; necl-5; D7Ertd458e; 3830421F03Rik
	NCBI ID	52118
	MGI ID	107741
	Ensembl ID	ENSMUSG00000040511
	Human Ortholog	PVR

Model Description

These mice are obtained through breeding of two single gene humanized mice.

Research Application: Immunotherapy, cancer research, drug screening

*Literature published using this strain should indicate: hTIGIT/hPVR mice (Cat. NO. NM-HU-2000091) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

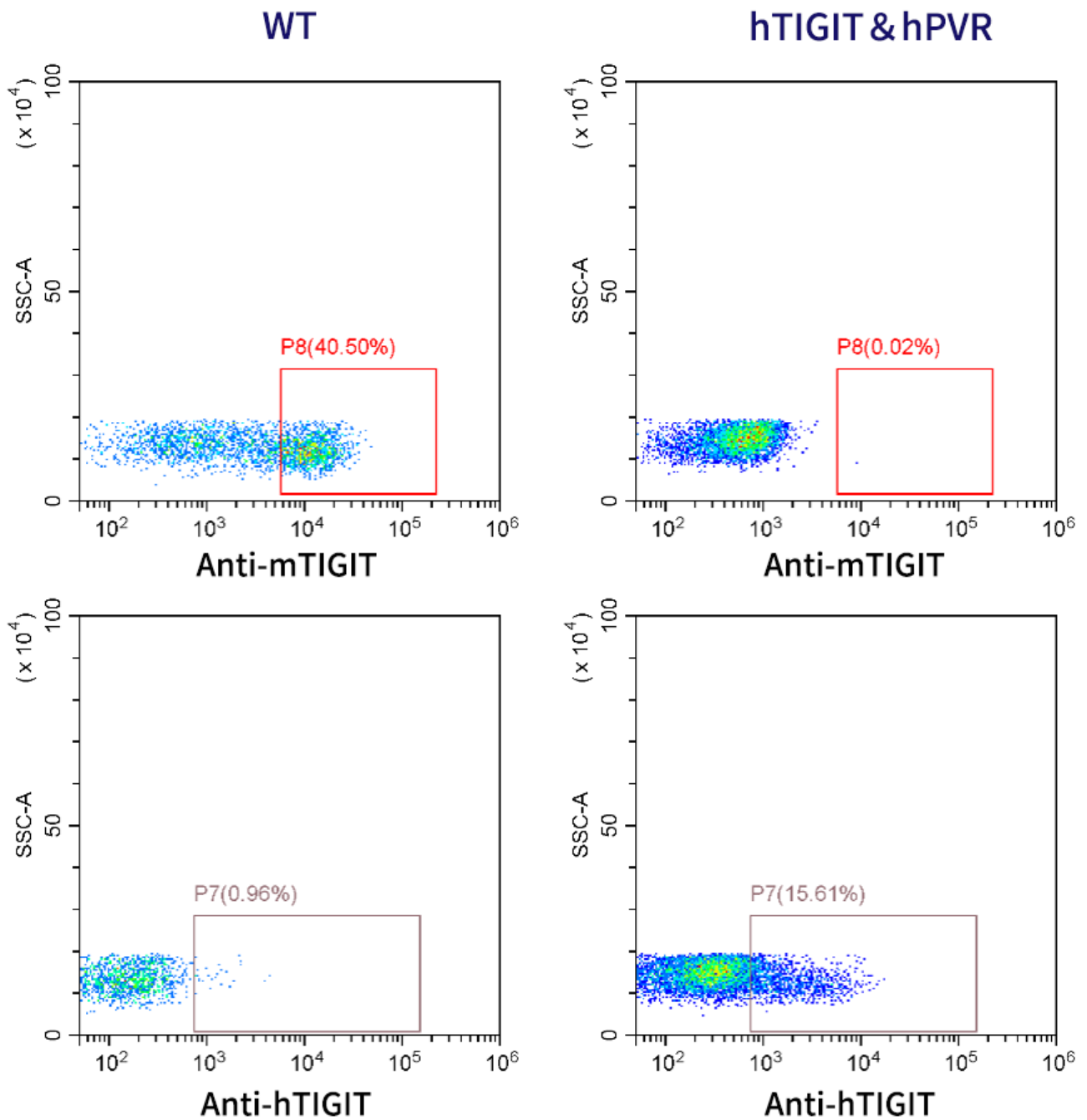


Fig.1 Splenocytes from homozygous TIGIT&PVR mice were analyzed by flow cytometry after activation. mTIGIT⁺ cells were detectable in wild type (WT) C57BL/6, while hTIGIT⁺ cells were detectable in the homozygous TIGIT&PVR mice.

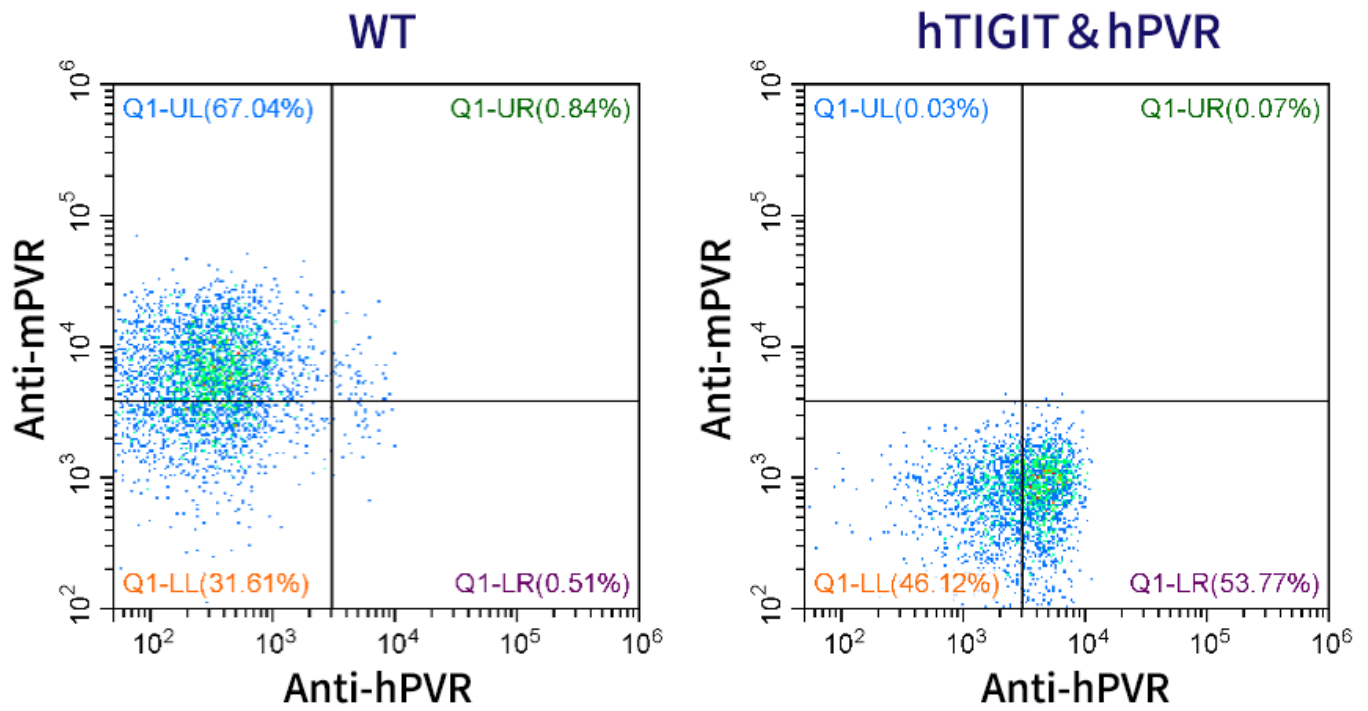


Fig.2 Splenocytes from homozygous TIGIT&PVR mice were analyzed by flow cytometry after activation. mPVR+ cells were detectable in wild type (WT) C57BL/6, while hPVR + cells were detectable in the homozygous TIGIT&PVR mice.