

hIFNGR1

Nomenclature	C57BL/6Smoc- <i>Ifngr1</i> ^{tm(hIFNGR1)Smoc}
Cat. NO.	NM-HU-190076
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol IFNGR1	Synonyms	Ifgr; CD119; Ifngr; Nktar; IFN-gammaR
	NCBI ID	15979
	MGI ID	107655
	Ensembl ID	ENSMUSG00000020009
	Human Ortholog	IFNGR1

Model Description

The endogenous mouse *Ifngr1* gene was replaced by human IFNGR1 gene.

Research Application: Immunotherapy, Cancer research, Drug screening

*Literature published using this strain should indicate: hIFNGR1 mice (Cat. NO. NM-HU-190076) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

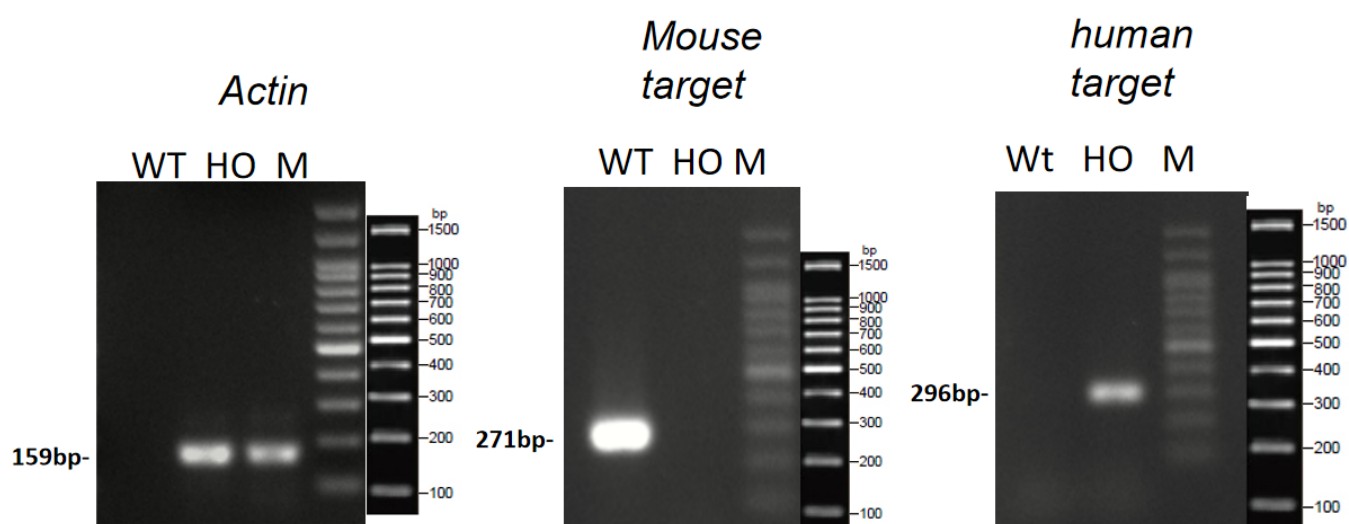


Fig1. Detection of IFNGR1 expression by RT-PCR. Wild type: only one band at 271 bp with primers F2/R2(mlfngnr1);Homozygous: only one band at 296 bp with primers F1/R1(hIFNGR1); Abbr.. M, DNA marker; HO, homozygous; HE, heterozygous; WT, wild type.

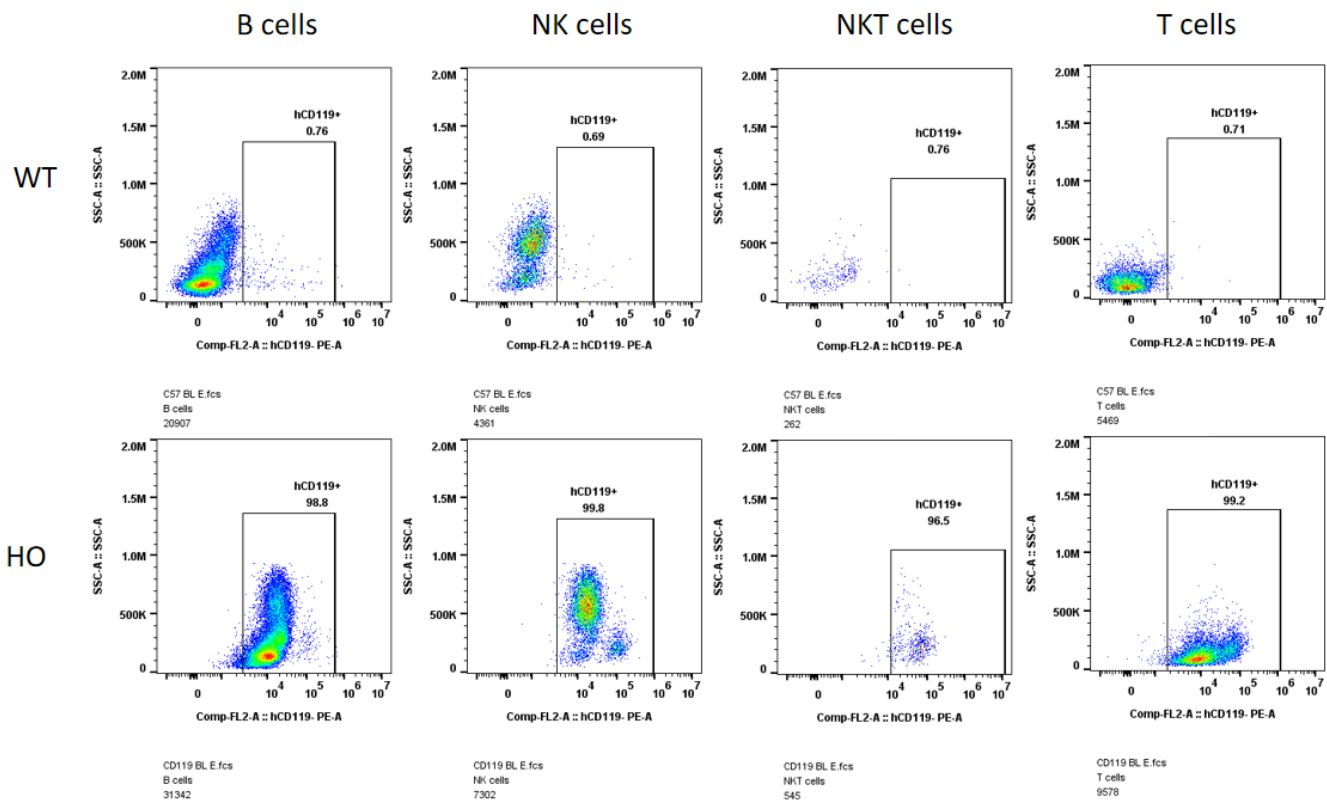


Fig2. Validation of hCD119(IFNGR1) expression in blood by FACS.

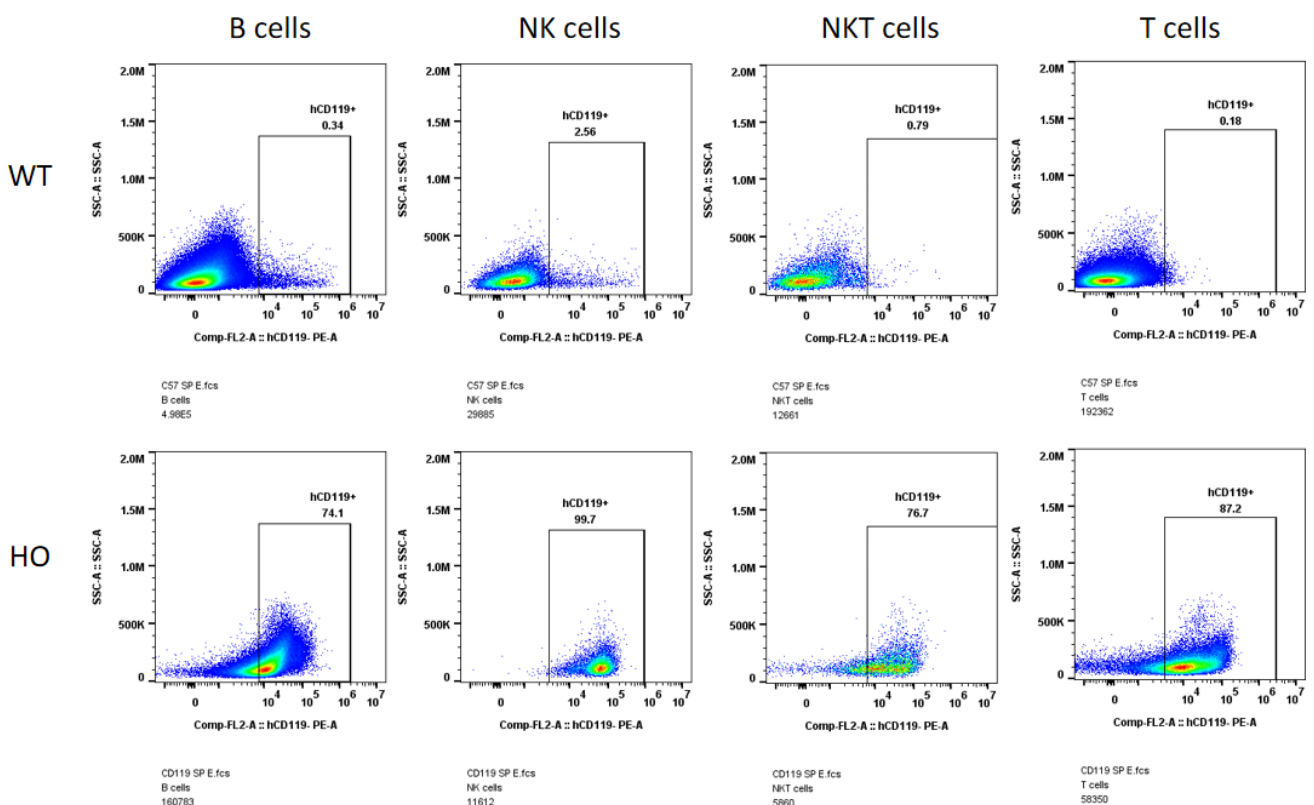


Fig3. Validation of hCD119(IFNGR1) expression in spleen by FACS.

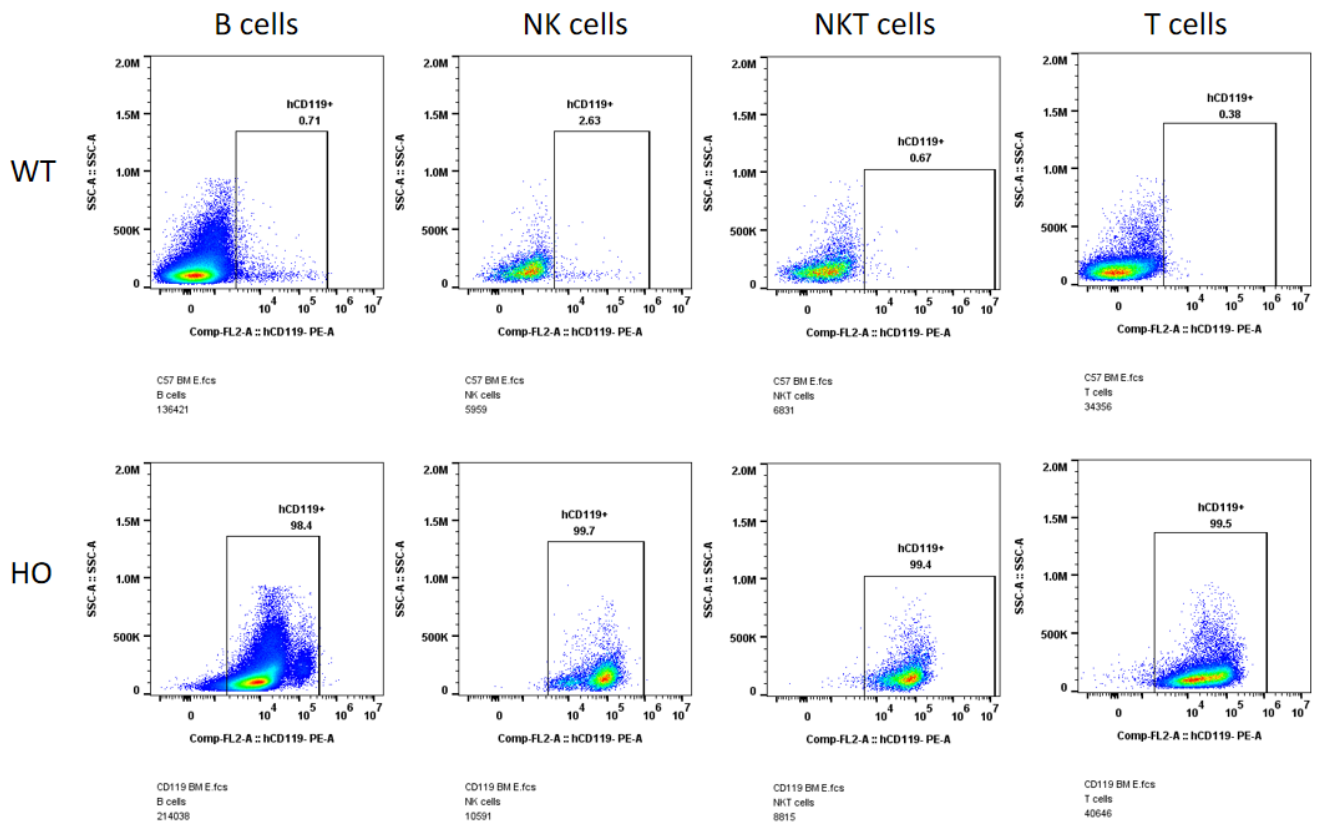


Fig4. Validation of hCD119(IFNGR1) expression in bone marrow by FACS.