

hIL2RG/hIL2RB

Nomenclature	C57BL/6Smoc- <i>Il2rg</i> ^{em1(IL2RG)} <i>Il2rb</i> ^{tm1(hIL2RB)Smoc}
Cat. NO.	NM-HU-210354
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol IL2RB	Synonyms	p70; CD122; IL15Rbeta; IL-2Rbeta; IL-15Rbeta; IL-2/15Rbeta
	NCBI ID	16185
	MGI ID	96550
	Ensembl ID	ENSMUSG00000068227
	Human Ortholog	IL2RB
Gene Symbol IL2RG	Synonyms	gc; p64; [g]c; CD132; gamma(c)
	NCBI ID	16186
	MGI ID	96551
	Ensembl ID	ENSMUSG00000031304
	Human Ortholog	IL2RG

Model Description

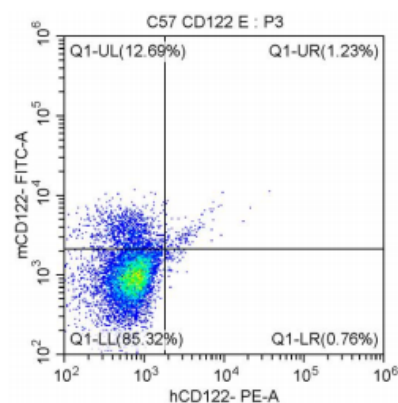
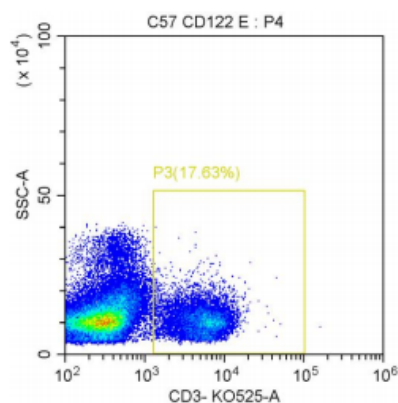
hIL2RG(NM-HU-200007) was crossed with hIL2RB(NM-HU-2000055) to generate hIL2RG/hIL2RB mice.

Research Application: immune therapy; drug screening

*Literature published using this strain should indicate: hIL2RG/hIL2RB mice (Cat. NO. NM-HU-210354) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

WT C57BL/6
Control



$hIL2RG^{H0}/hIL2RB^{H0}$
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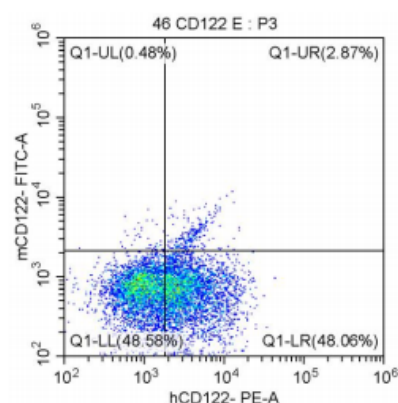
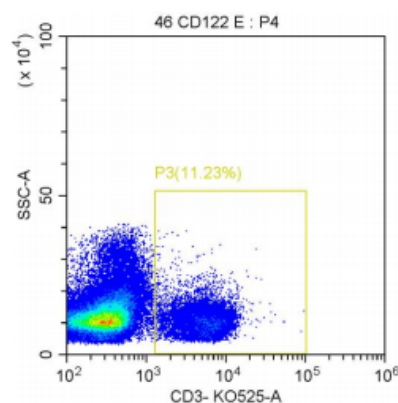
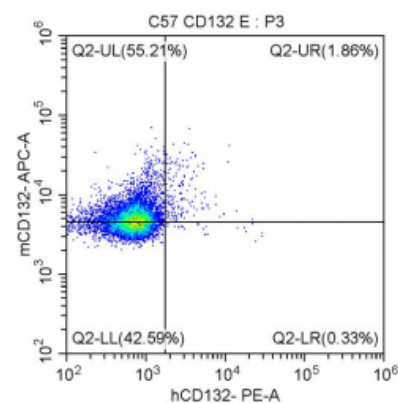
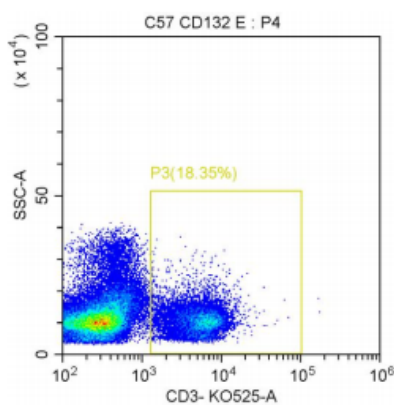


Fig1. Detection of hCD122 expression in $hIL2RG/hIL2RB$ dKI mice.

WT C57BL/6
Control



$hIL2RG^{H0}/hIL2RB^{H0}$
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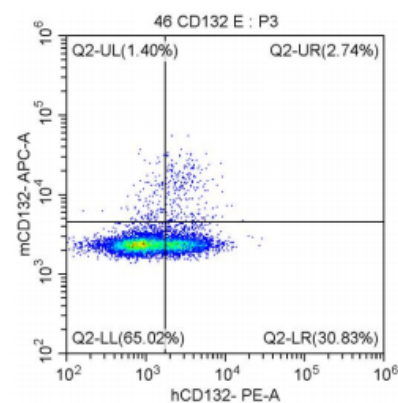
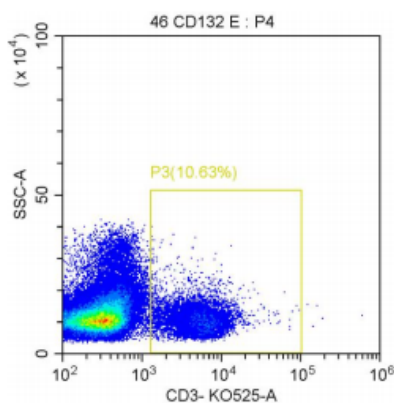


Fig2. Detection of hCD132 expression in hIL2RG/hIL2RB dKI mice.

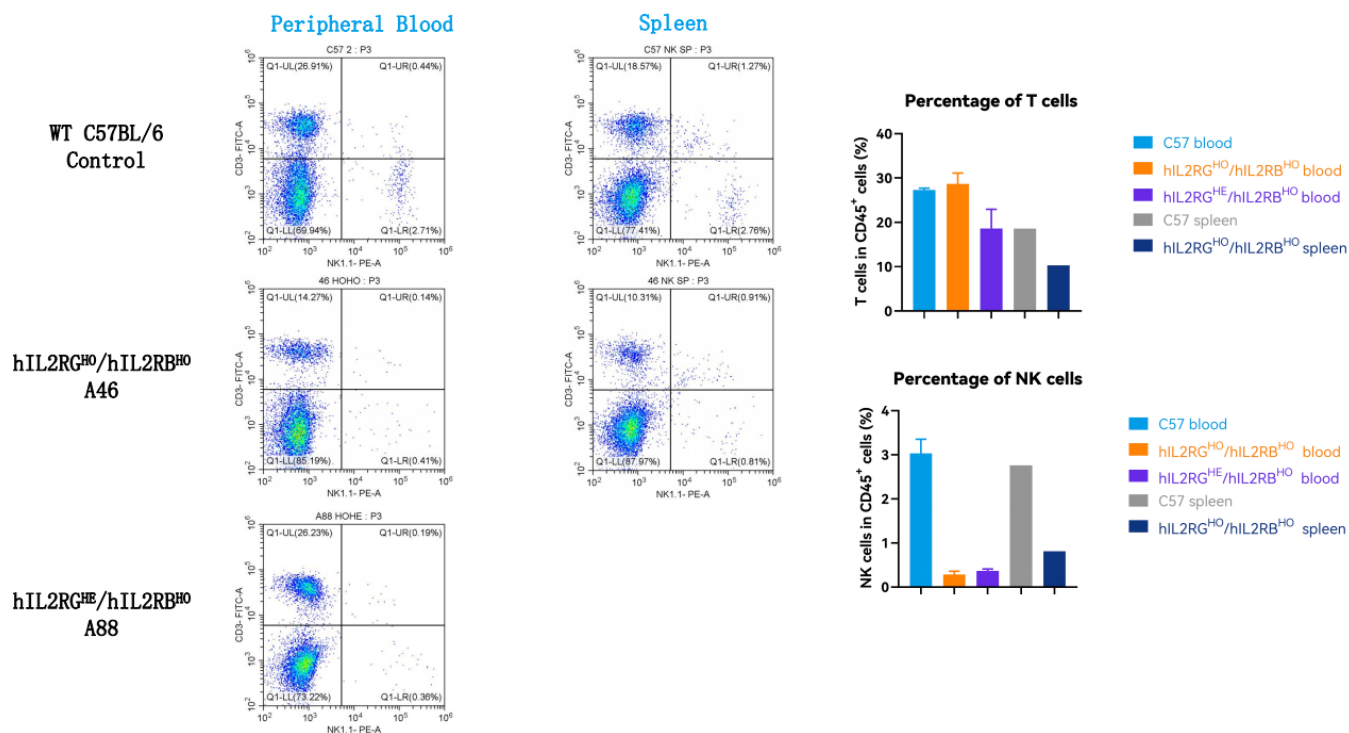


Fig3. Detection of immune phenotyping in peripheral blood and spleen in hIL2RG/hIL2RB dKI mice.