

hB7H3

Nomenclature	C57BL/6Smoc- <i>Cd276</i> ^{tm2(hB7H3)Smoc}
Cat. NO.	NM-HU-00107
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol CD276	Synonyms	B7H3; B7-h3; B7RP-2; AU016588; 6030411F23Rik
	NCBI ID	102657
	MGI ID	2183926
	Ensembl ID	ENSMUSG00000035914
	Human Ortholog	CD276

Model Description

The endogenous mouse Cd276 gene was replaced by human CD276 gene.

Research Application: cancer research, Immunotherapy, drug screening

*Literature published using this strain should indicate: hB7H3 mice (Cat. NO. NM-HU-00107) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

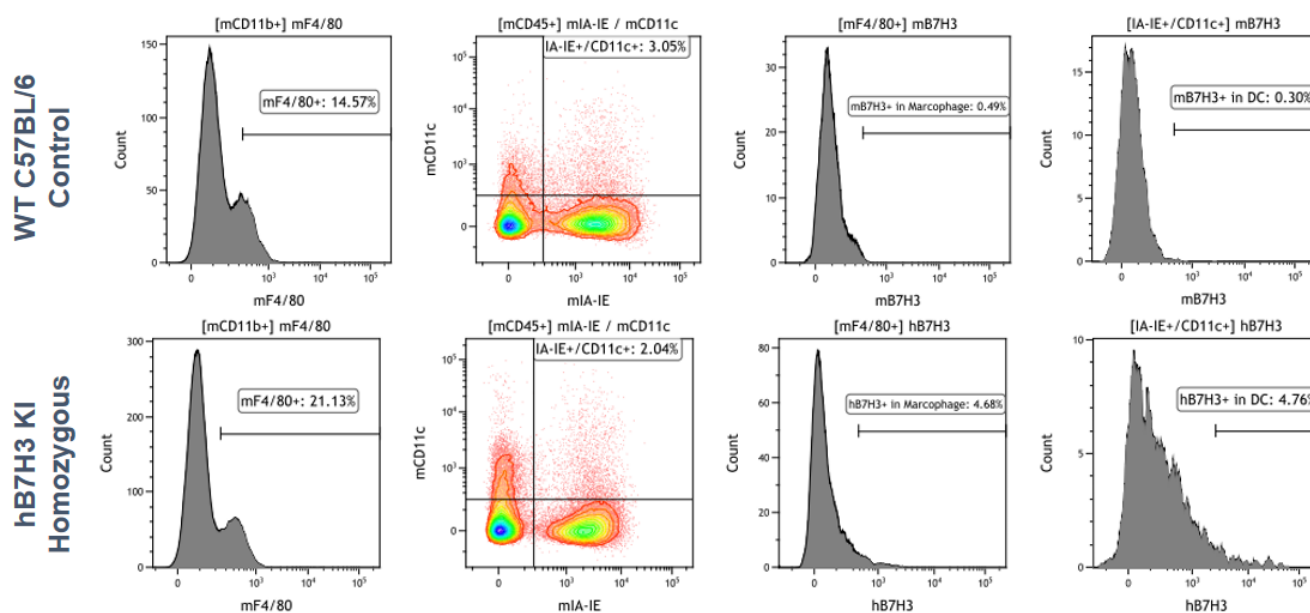


Fig1.Detection of hB7H3 Expression in Blood-derived Macrophages and DCs in hB7H3 KI Mice

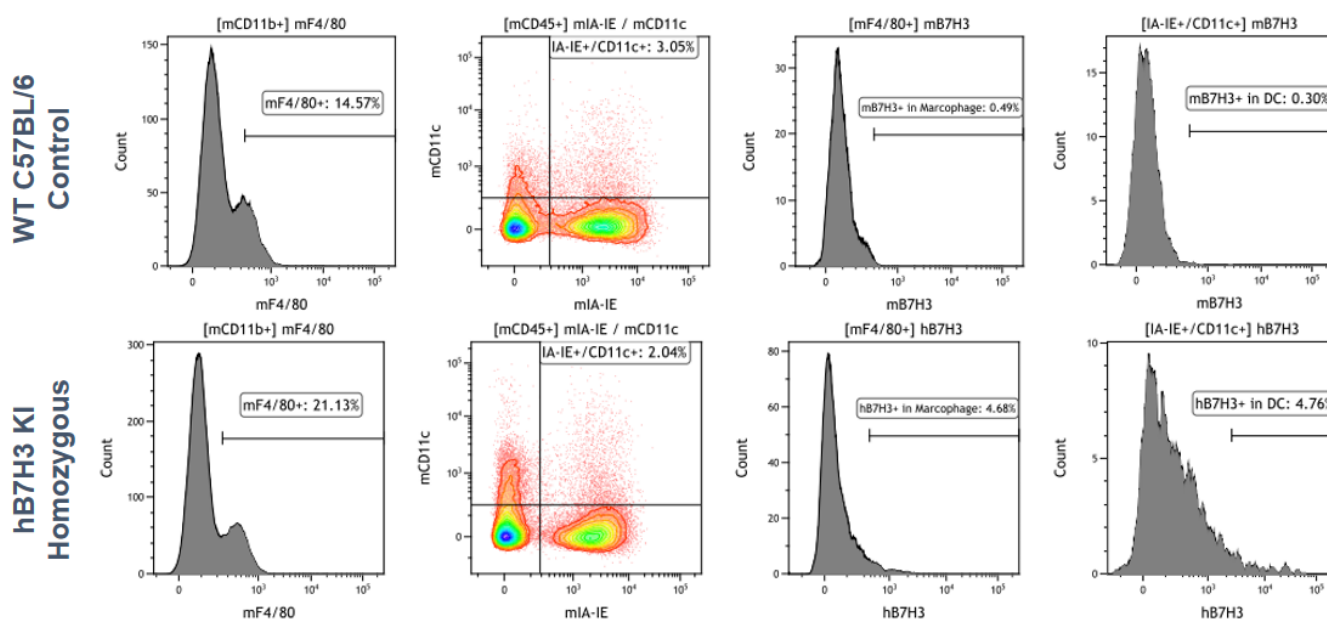


Fig2.Detection of hB7H3 Expression in Spleen-derived Macrophages and DCs in B7H3 KI Mice

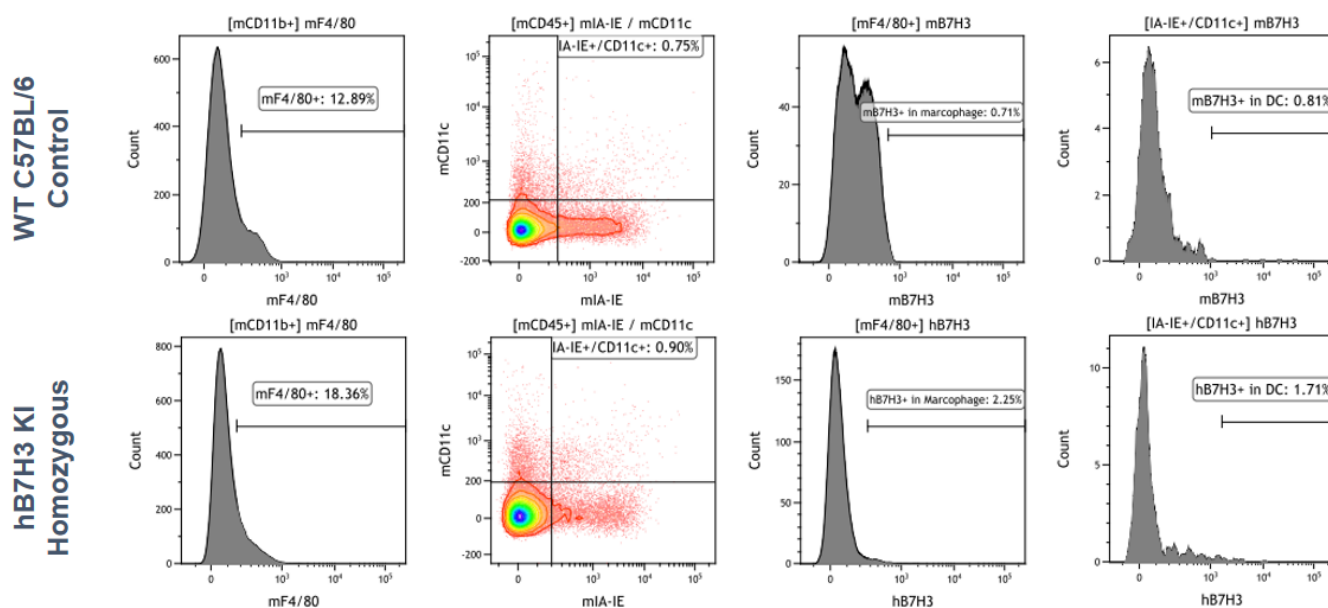


Fig3.Detection of hB7H3 Expression in Bone Marrow-derived Macrophages and DCs in hB7H3 KI Mice

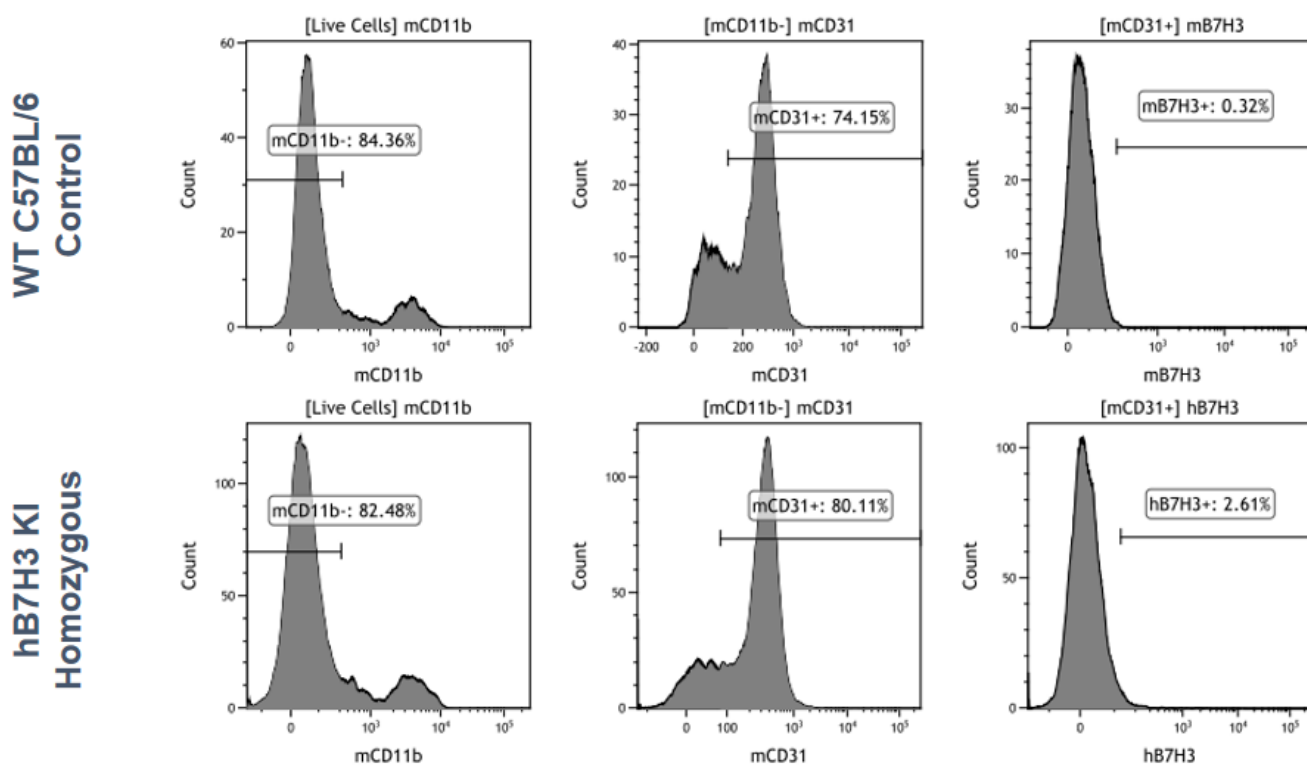


Fig4.hB7H3 Expression Cahraterization in Liver-derived Endothelial Cells (CD11b- CD31+) in hB7H3 KI Mice

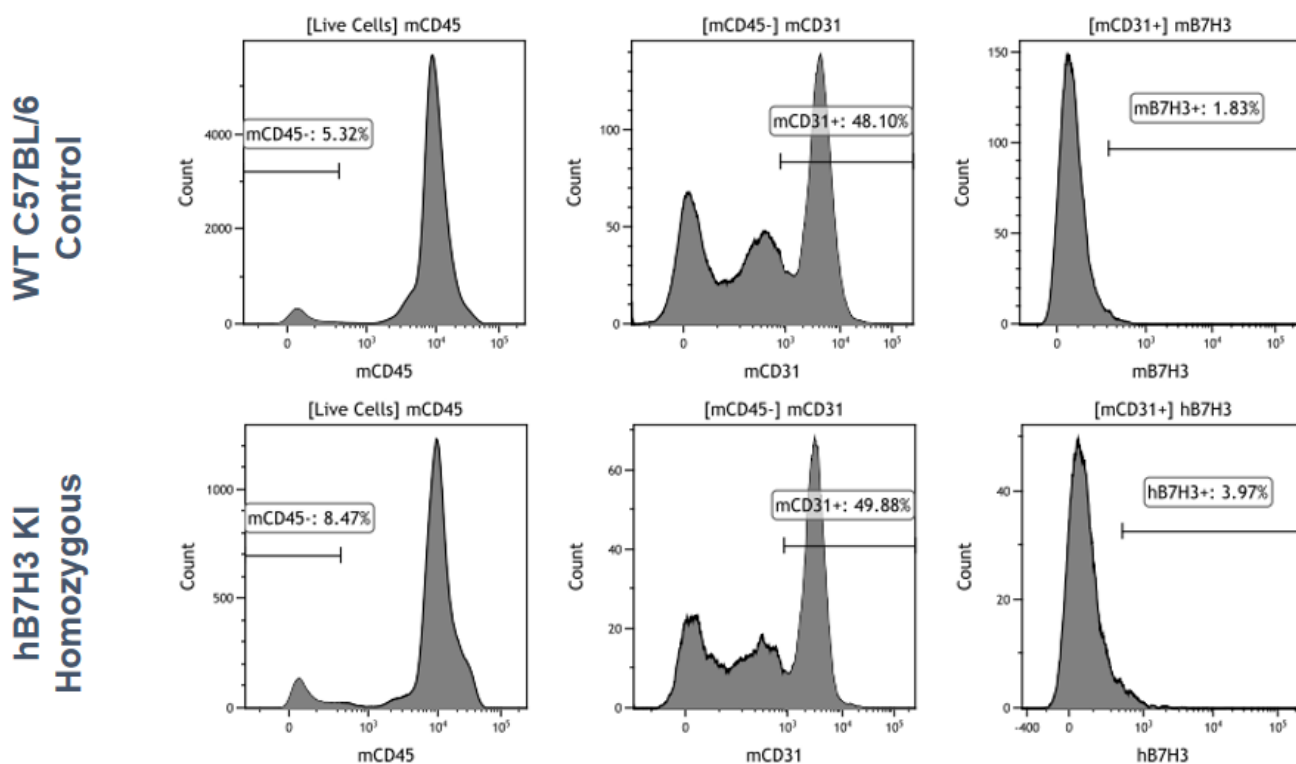


Fig5.hB7H3 Expression Characterization in Lung-derived Endothelial Cells (CD45⁻ CD31⁺) in hB7H3 KI Mice

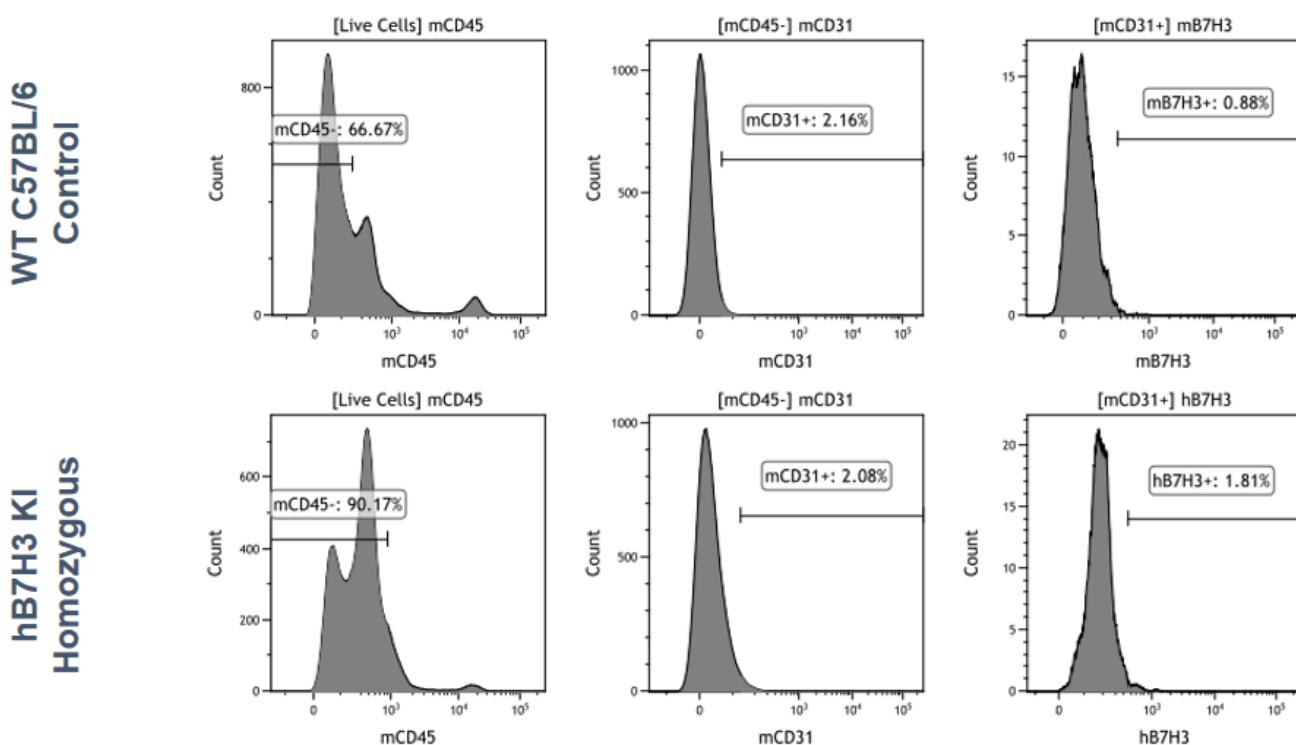


Fig6.hB7H3 Expression Detection in Testis-derived Endothelial Cells (CD45⁻ CD31⁺) in hB7H3 KI Mice

