

# hB7H3

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

## Gene Summary

<b>Gene Symbol</b> CD276	<b>Synonyms</b>	B7H3; B7-h3; B7RP-2; AU016588; 6030411F23Rik
	<b>NCBI ID</b>	<a href="#">102657</a>
	<b>MGI ID</b>	<a href="#">2183926</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000035914</a>
	<b>Human Ortholog</b>	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

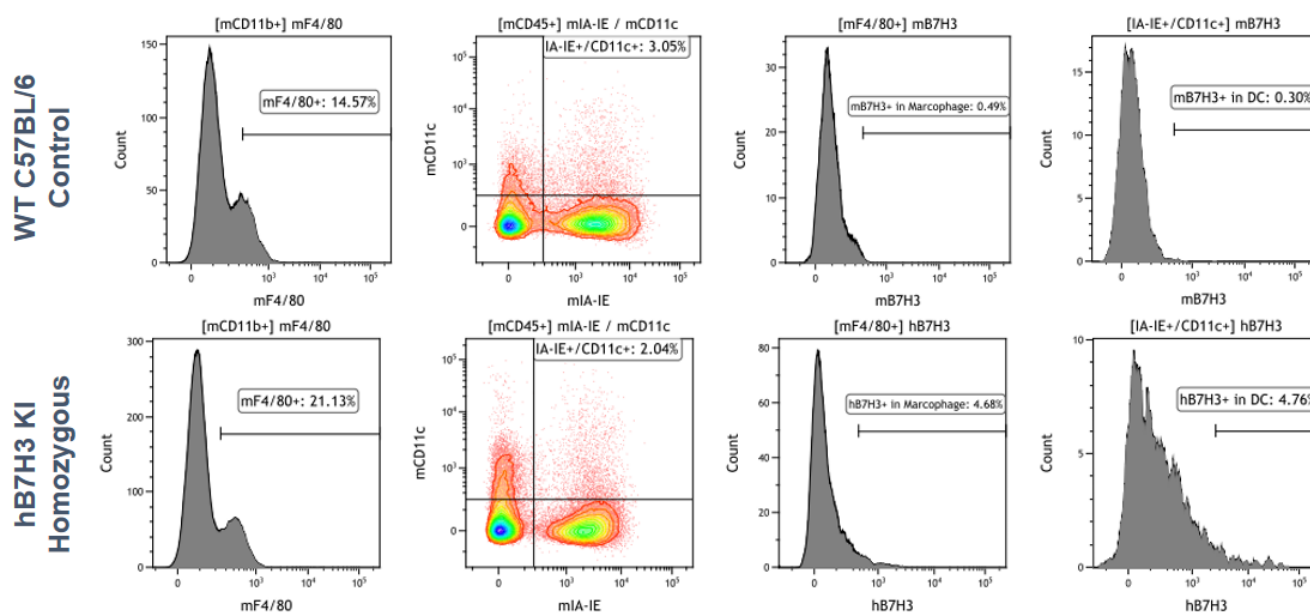


Fig1.Detection of hB7H3 Expression in Blood-derived Macrophages and DCs in hB7H3 KI Mice

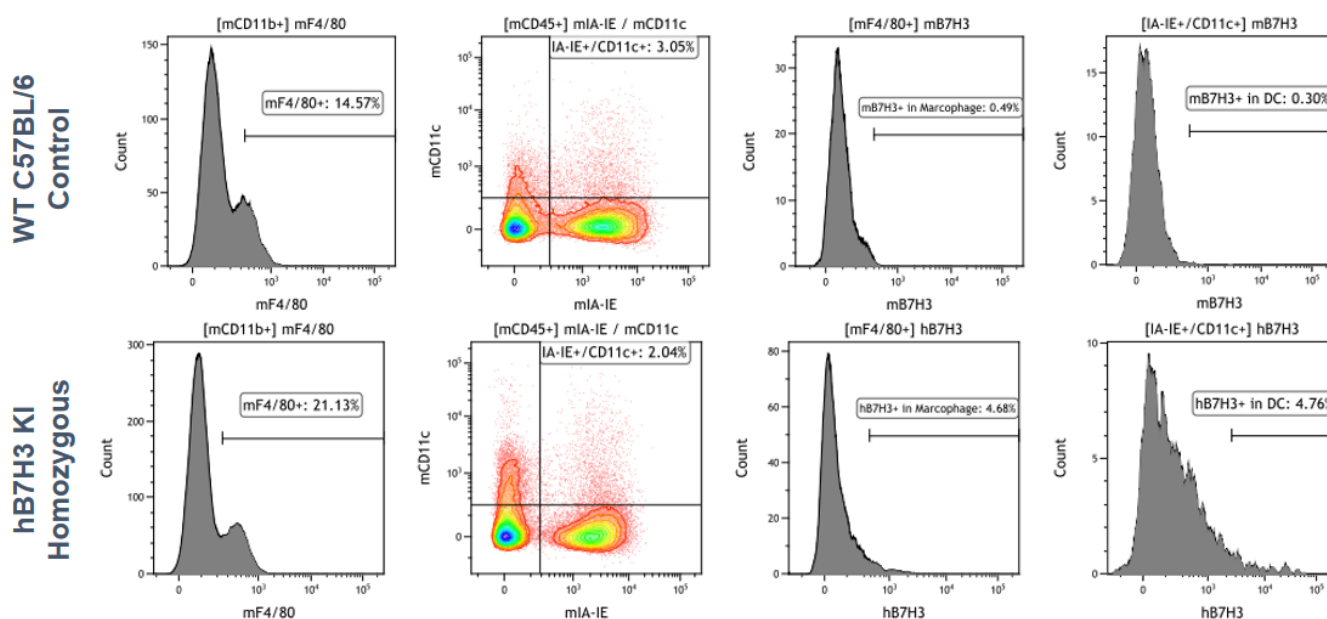


Fig2.Detection of hB7H3 Expression in Spleen-derived Macrophages and DCs in B7H3 KI Mice

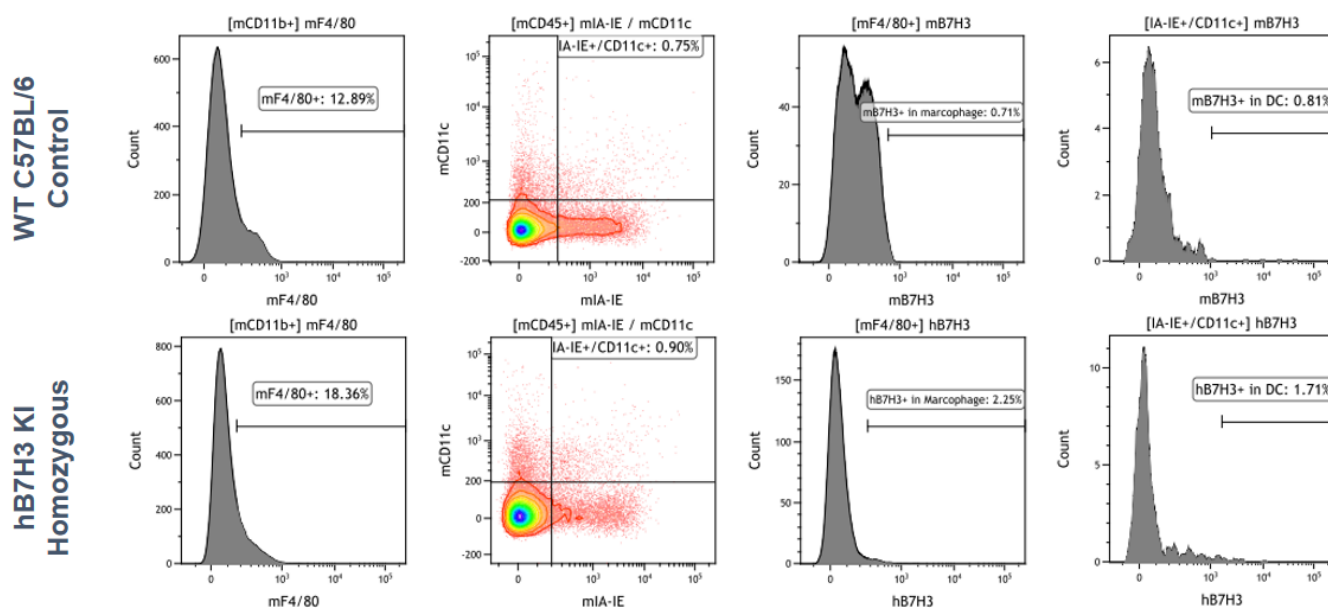


Fig3.Detection of hB7H3 Expression in Bone Marrow-derived Macrophages and DCs in hB7H3 KI Mice

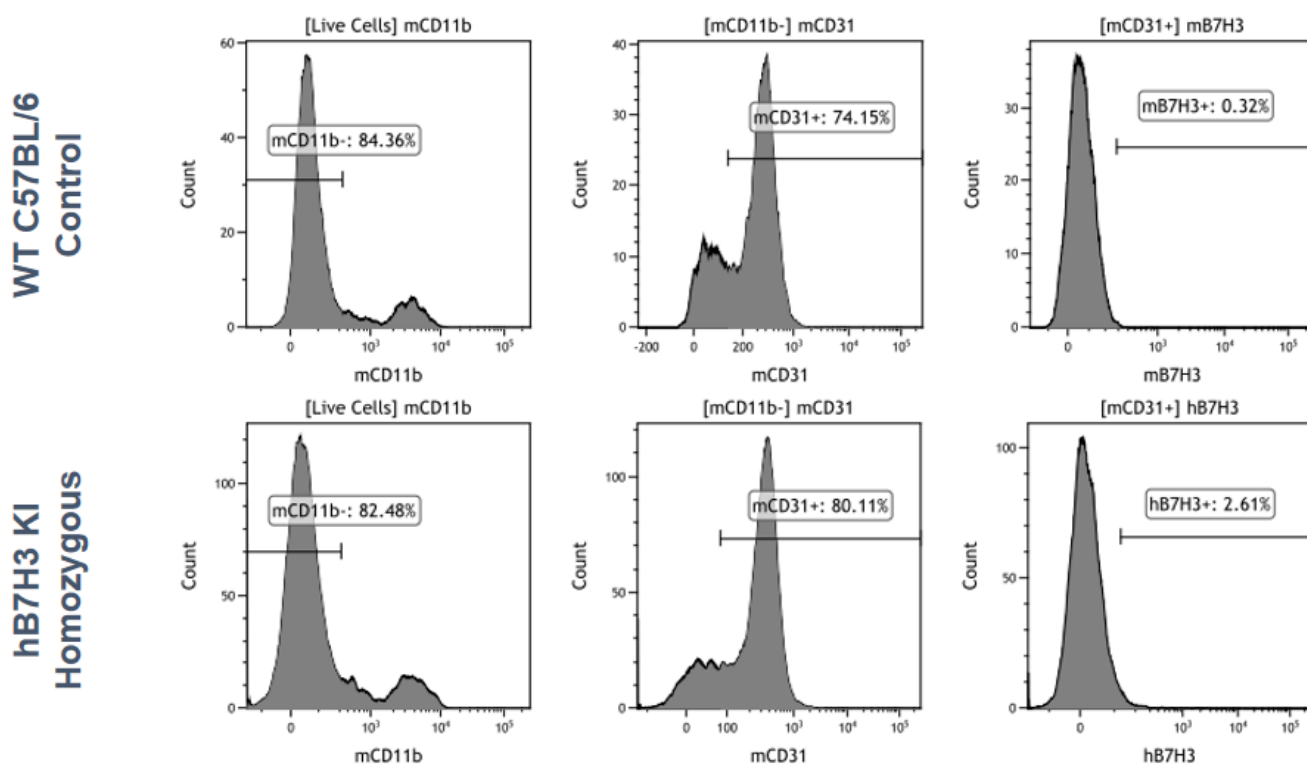


Fig4.hB7H3 Expression Cahraterization in Liver-derived Endothelial Cells (CD11b- CD31+) in hB7H3 KI Mice

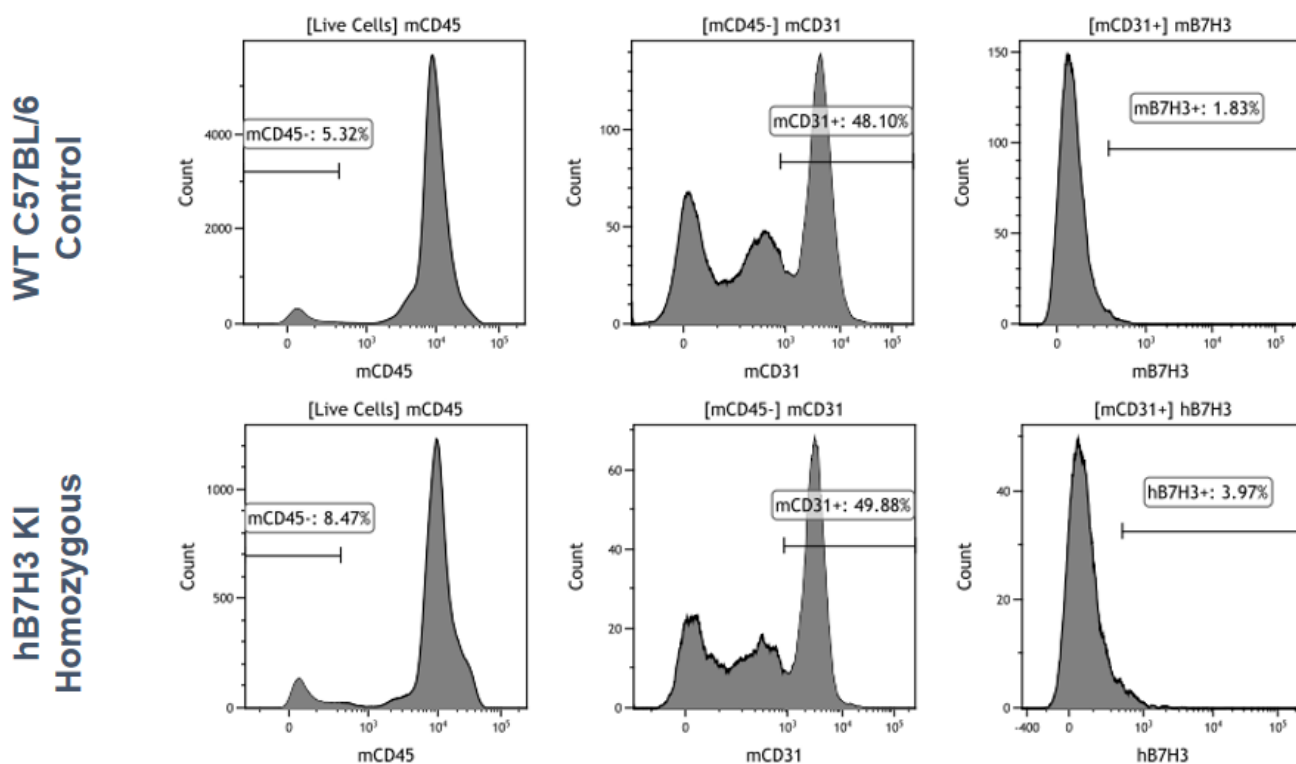


Fig5.hB7H3 Expression Characterization in Lung-derived Endothelial Cells (CD45<sup>-</sup> CD31<sup>+</sup>) in hB7H3 KI Mice

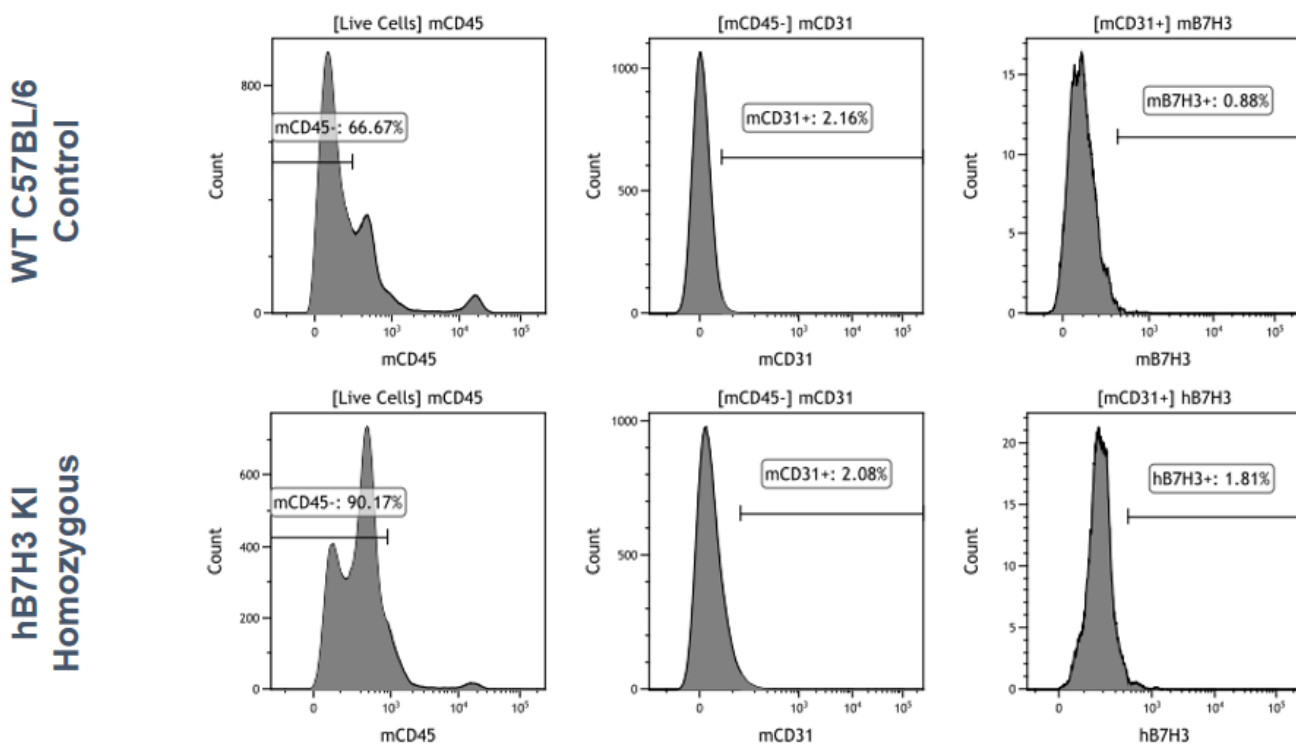


Fig6.hB7H3 Expression Detection in Testis-derived Endothelial Cells (CD45<sup>-</sup> CD31<sup>+</sup>) in hB7H3 KI Mice

