

# hCD28

<b>Nomenclature</b>	C57BL/6Smoc- <i>Cd28</i> <sup>em2(hCD28)Smoc</sup>
<b>Cat. NO.</b>	NM-HU-190011
<b>Strain State</b>	Repository Live

## Gene Summary

<b>Gene Symbol</b> CD28	<b>Synonyms</b>	
	<b>NCBI ID</b>	<a href="#">12487</a>
	<b>MGI ID</b>	<a href="#">88327</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000026012</a>
	<b>Human Ortholog</b>	CD28

## Model Description

The endogenous mouse Cd28 gene was replaced by human CD28 gene.

**Research Application:** Immune-related

\*Literature published using this strain should indicate: hCD28 mice (Cat. NO. NM-HU-190011) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

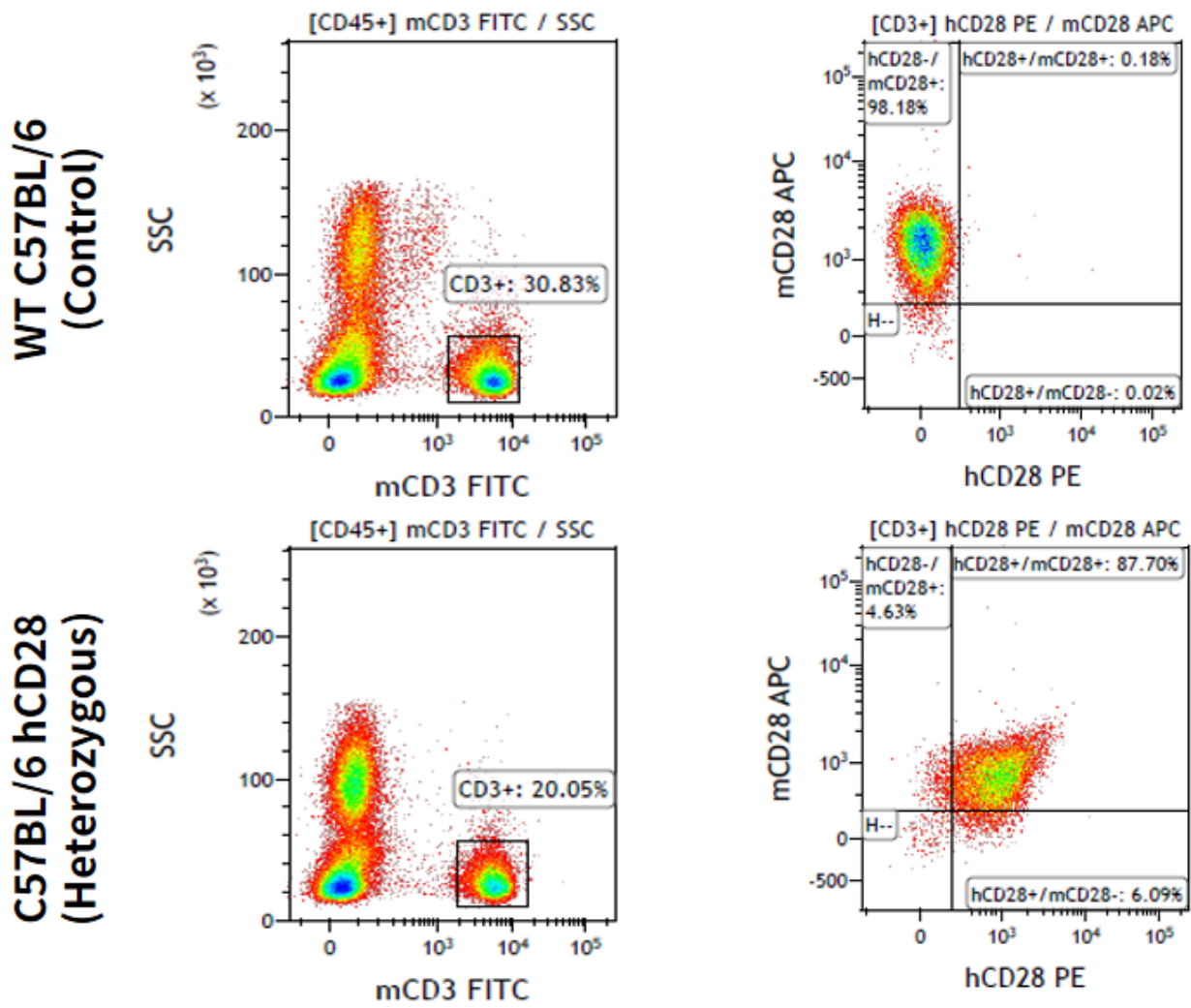


Fig1. Expression characterization of hCD28 on T cells in blood in heterozygous hCD28 KI mice.

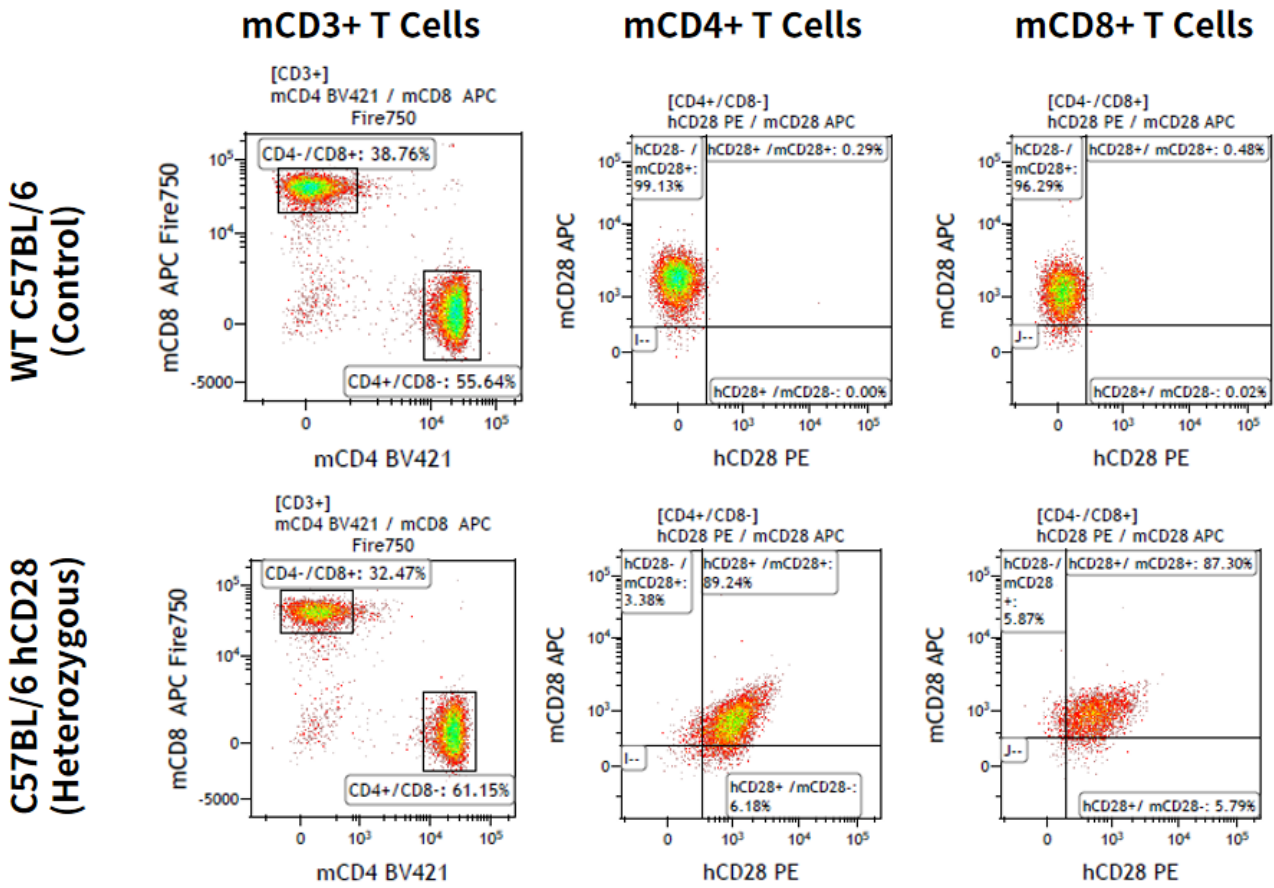


Fig2. Expression characterization of hCD28 on CD4+ and CD8+ T cells in blood in heterozygous hCD28 KI mice.

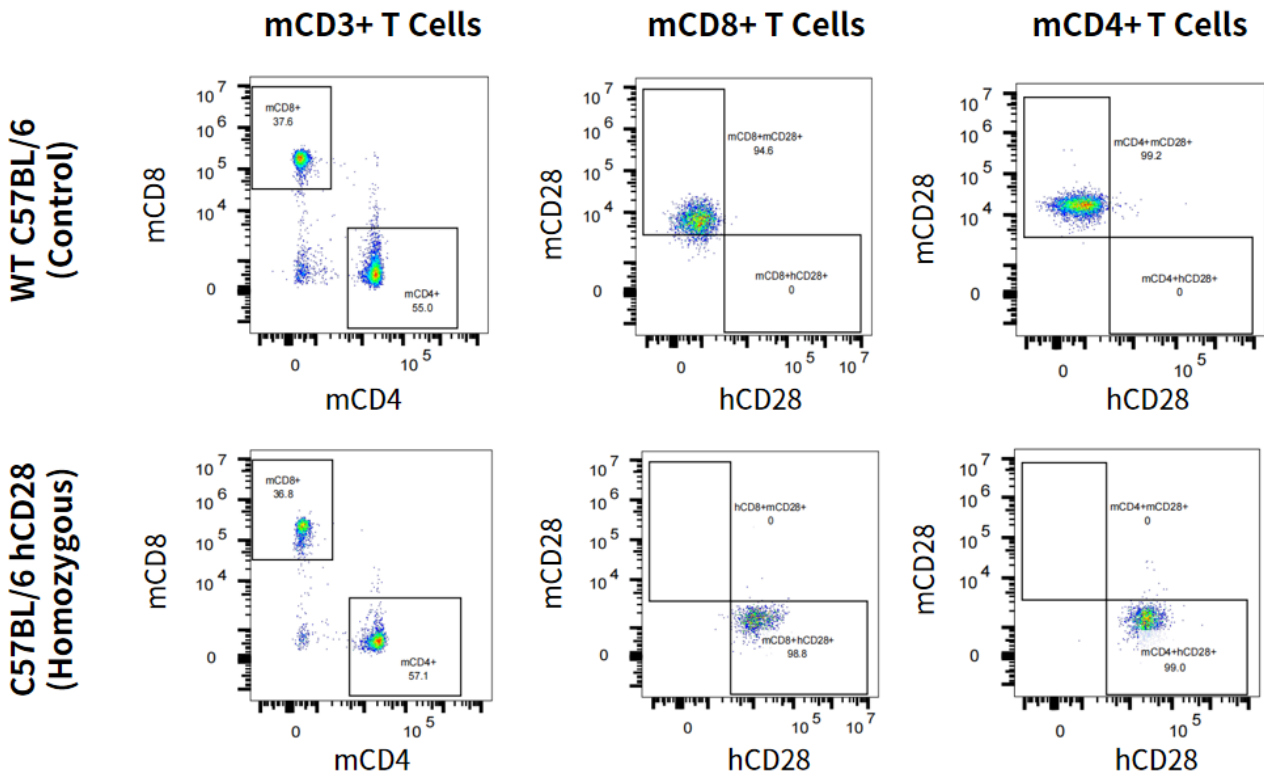


Fig3. Expression characterization of hCD28 on CD4+ and CD8+ T cells in blood in homozygous

hCD28 KI mice.

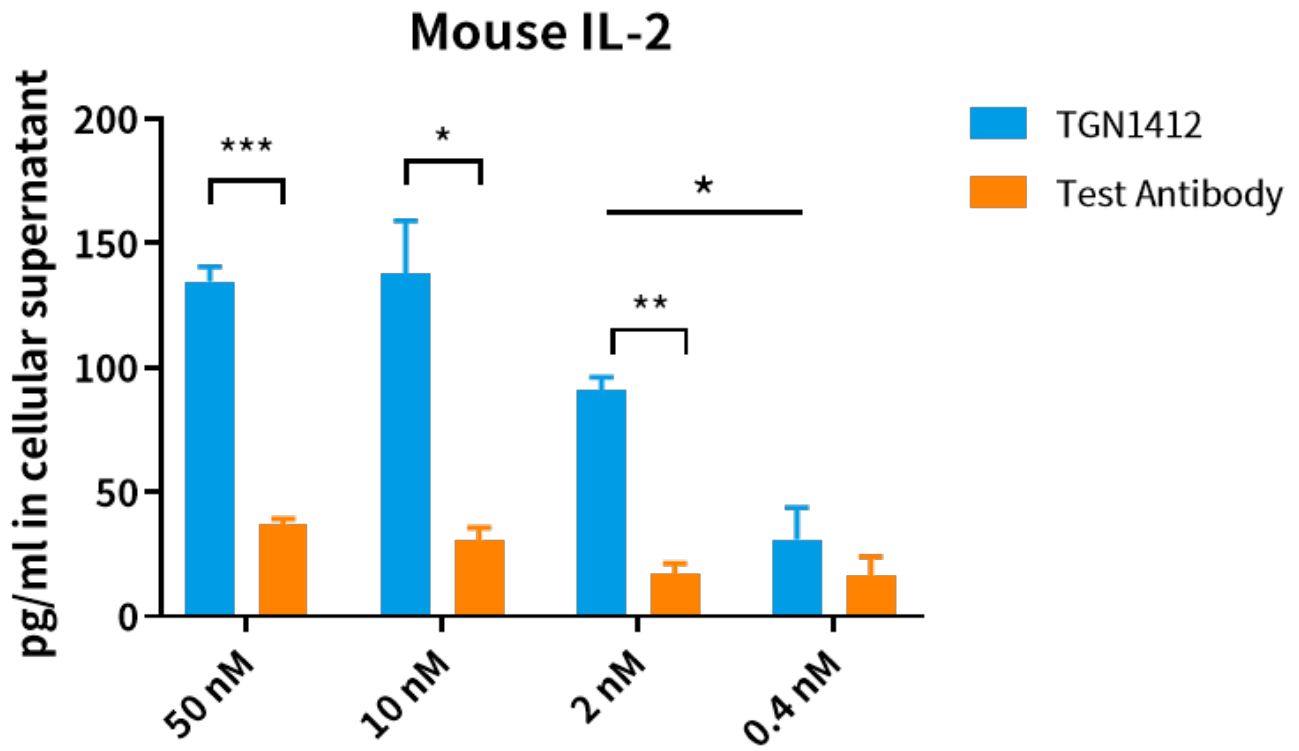


Fig4. Cytokine release post stimulation with anti-CD28 antibodies *in vitro*.