

# hC5AR1/C5AR2

<b>Nomenclature</b>	C57BL/6Smoc- <i>C5ar1</i> <sup>tm1(hC5AR1)</sup> <i>C5ar2</i> <sup>tm1(hC5AR2)/Smoc</sup>
<b>Cat. NO.</b>	NM-HU-2000018
<b>Strain State</b>	Repository Live

## Gene Summary

Gene Symbol C5AR1	<b>Synonyms</b>	C5aR; C5r1; Cd88; D7Msu1
	<b>NCBI ID</b>	<a href="#">12273</a>
	<b>MGI ID</b>	<a href="#">88232</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000049130</a>
	<b>Human Ortholog</b>	C5AR1
Gene Symbol C5AR2	<b>Synonyms</b>	C5L2; Gpr77; E030029A11Rik
	<b>NCBI ID</b>	<a href="#">319430</a>
	<b>MGI ID</b>	<a href="#">2442013</a>
	<b>Ensembl ID</b>	<a href="#">ENSMUSG00000074361</a>
	<b>Human Ortholog</b>	C5AR2

## Model Description

The endogenous mouse *C5ar1* and *C5ar2* gene was replaced by human C5AR1 and hC5AR2 gene.

**Research Application:** Immunotherapy, drug screening

\*Literature published using this strain should indicate: hC5AR1/C5AR2 mice (Cat. NO. NM-HU-2000018) were purchased from Shanghai Model Organisms Center, Inc..

## Validation Data

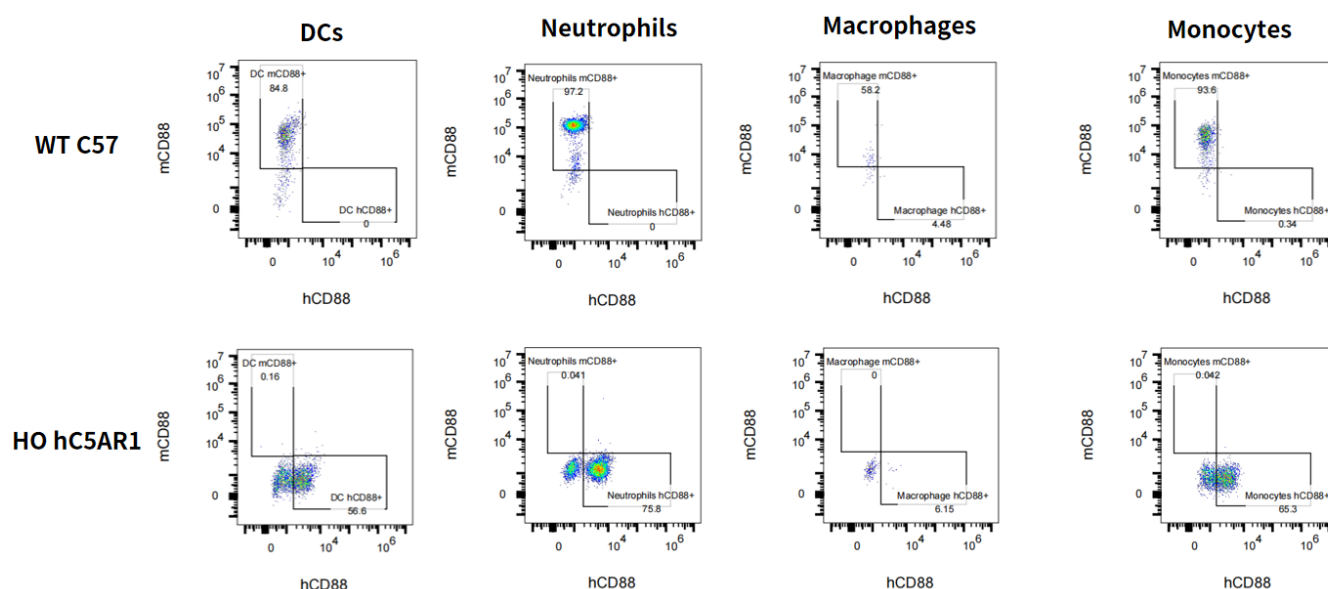


Fig1. Detection of C5AR1 expression on myeloid cells in blood in homozygous hc5AR1 mice.

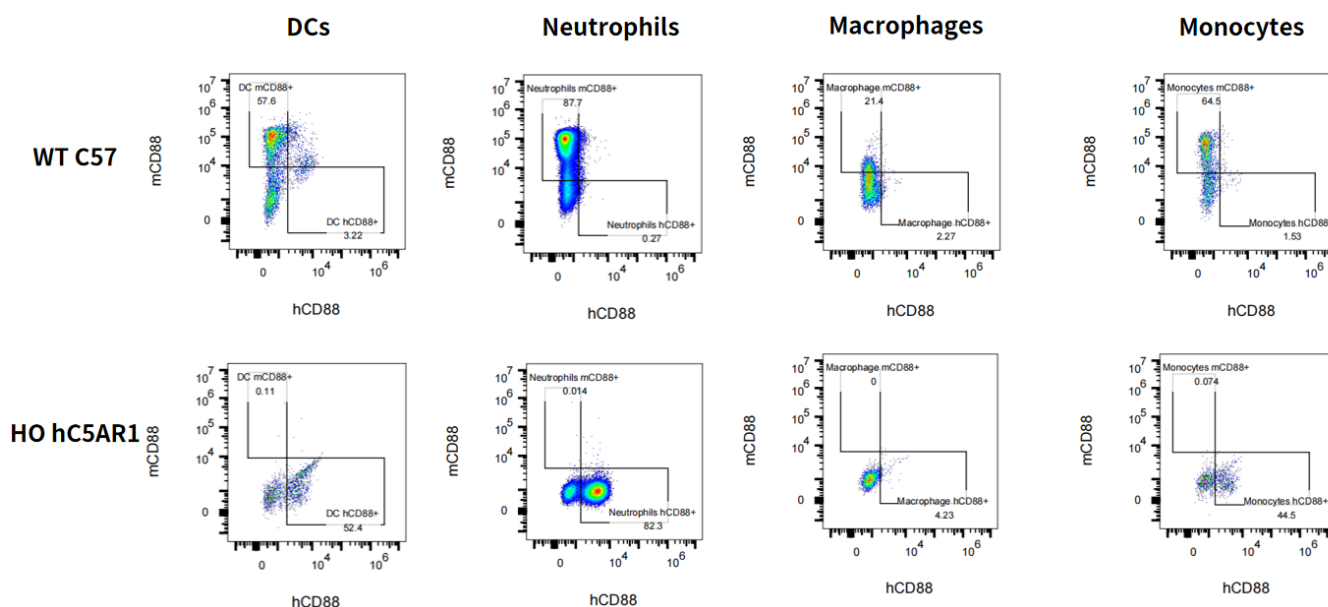


Fig2. Detection of C5AR1 expression on myeloid cells in bone marrow in homozygous hc5AR1 mice.

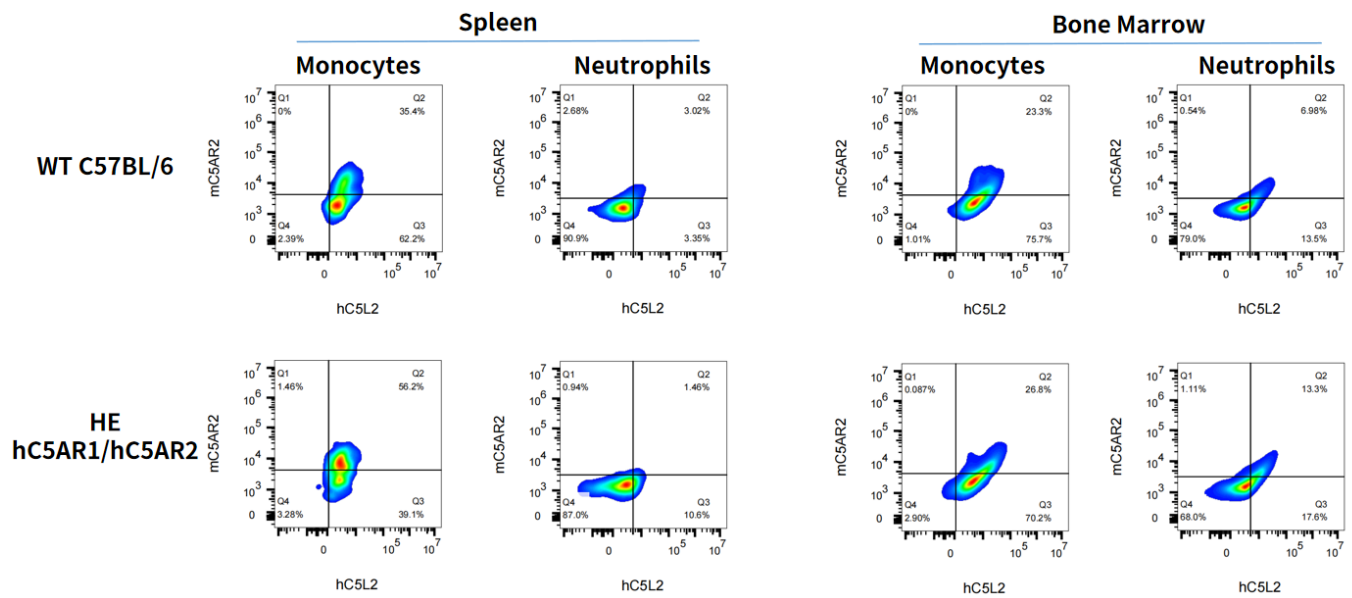


Fig3. Detection of hC5AR2 expression on myeloid cells in heterozygous hC5AR1/hC5AR2 mice. (Note: Anti-human C5L2 (C5AR2) antibody was cross-binding with mouse C5AR2)