

hC5AR1/C5AR2

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

Gene Summary

Gene Symbol C5AR1	Synonyms	C5aR; C5r1; Cd88; D7Msu1
	NCBI ID	12273
	MGI ID	88232
	Ensembl ID	ENSMUSG00000049130
	Human Ortholog	C5AR1
Gene Symbol C5AR2	Synonyms	C5L2; Gpr77; E030029A11Rik
	NCBI ID	319430
	MGI ID	2442013
	Ensembl ID	ENSMUSG00000074361
	Human Ortholog	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

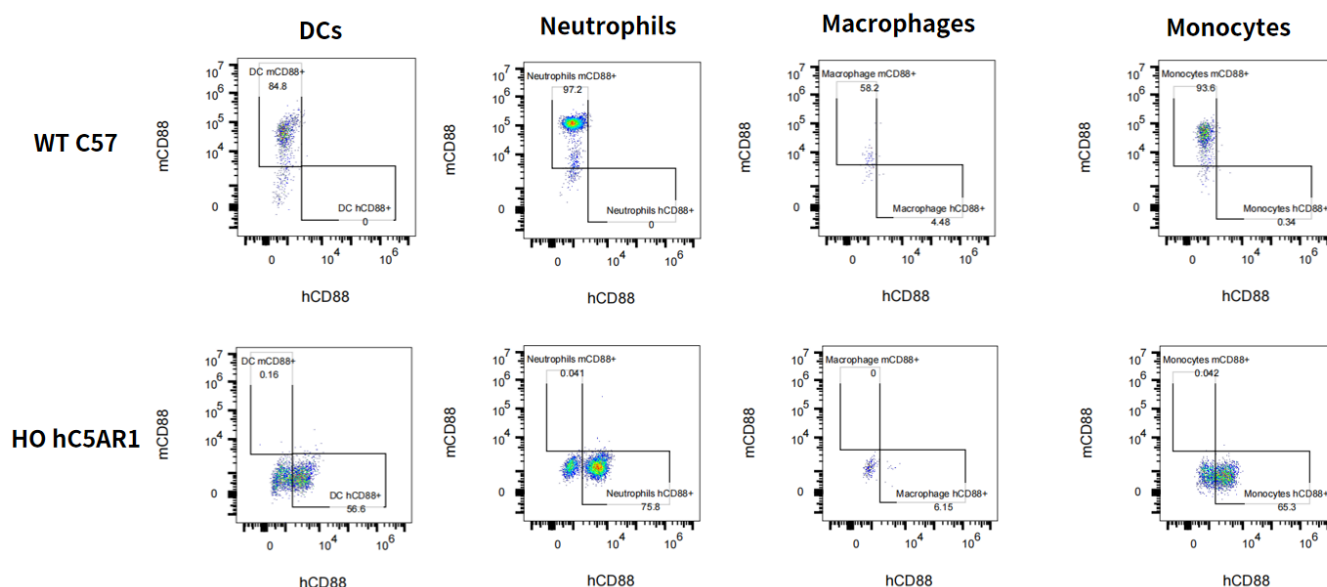


Fig1. Detection of C5AR1 expression on myeloid cells in blood in homozygous hc5AR1 mice.

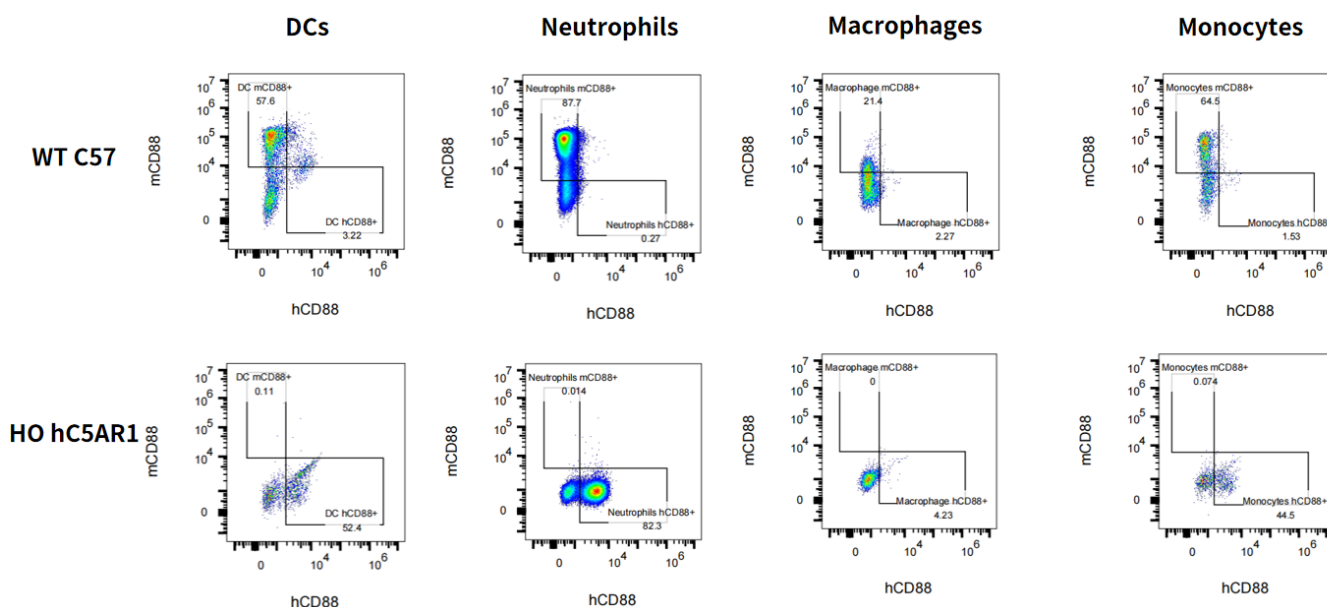


Fig2. Detection of C5AR1 expression on myeloid cells in bone marrow in homozygous hc5AR1 mice.

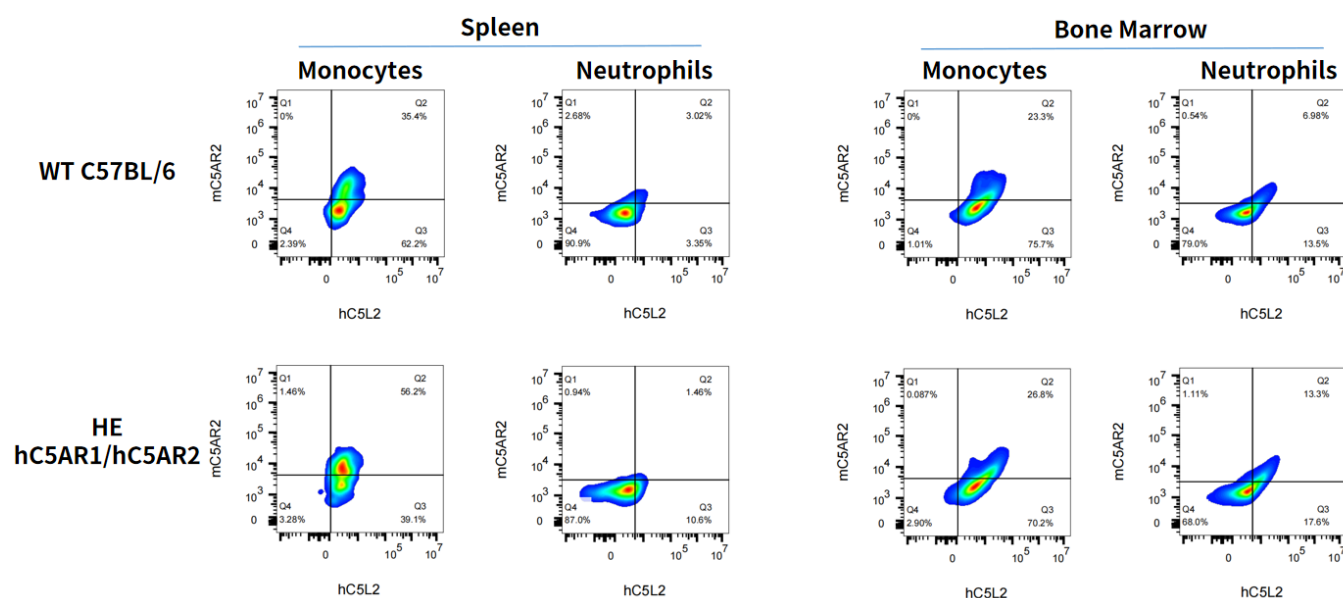


Fig3. Detection of hC5AR2 expression on myeloid cells in heterozygous hC5AR1/hC5AR2 mice. (Note: Anti-human C5L2 (C5AR2) antibody was cross-binding with mouse C5AR2)