

hCD47

Nomenclature	C57BL/6Smoc- <i>Cd47</i> ^{em1(hCD47)Smoc}
Cat. NO.	NM-HU-00050
Strain State	Embryo cryopreservation

Gene Summary

Gene Symbol CD47	Synonyms	IAP; Itgp
	NCBI ID	16423
	MGI ID	96617
	Ensembl ID	ENSMUSG00000055447
	Human Ortholog	CD47
Gene Symbol CD47	Synonyms	IAP; Itgp; AA407862; AI848868; AW108519; 9130415E20Rik; B430305P08Rik
	NCBI ID	16423
	MGI ID	96617
	Ensembl ID	ENSMUSG00000055447
	Human Ortholog	CD47

Model Description

The endogenous mouse Cd47 gene was replaced by human CD47 gene.

Research Application: Immunotherapy, cancer research, drug screening

*Literature published using this strain should indicate: hCD47 mice (Cat. NO. NM-HU-00050) were purchased from Shanghai Model Organisms Center, Inc..

Validation Data

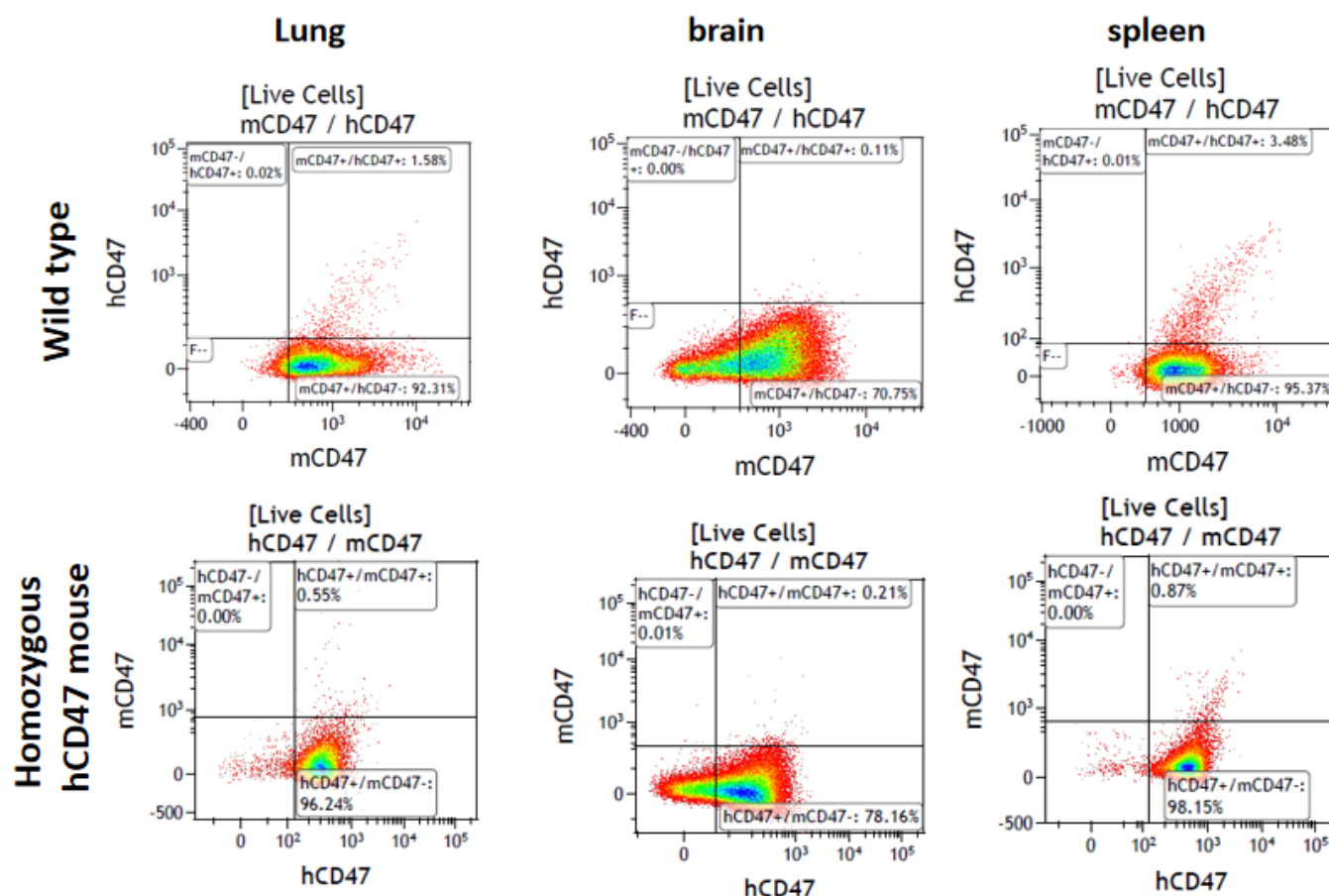


Figure 1. Detection of CD47 expression in live cells from lung, brain and spleen of humanized CD47 mice.

The FACS results showed that the high expression of humanized CD47 was detected in the live cells from lung, brain and spleen of Homozygous humanized CD47 mice.