

hCD47

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| 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

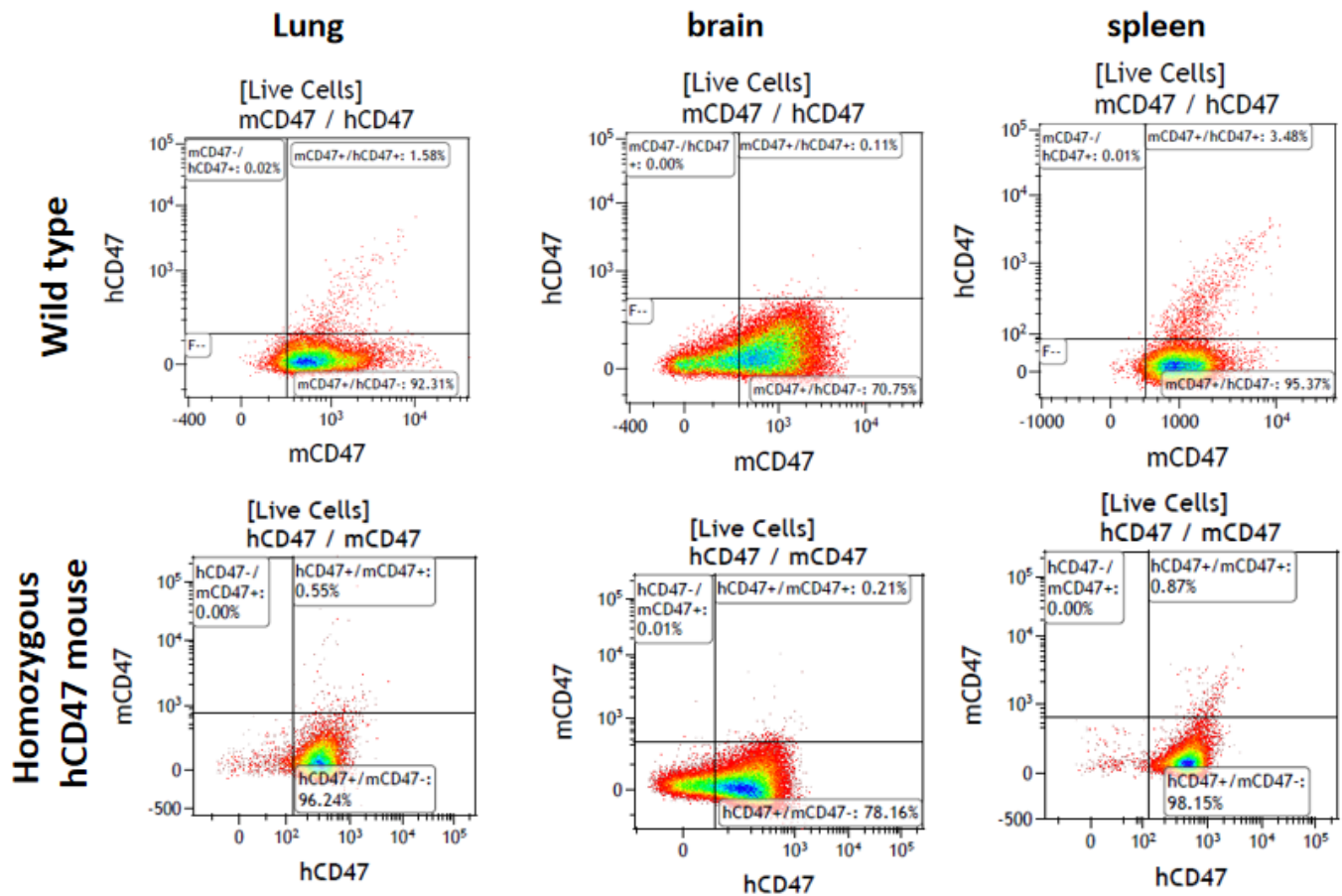


Figure 1. Detection of CD47 expression in live cells from lung, brain and spleen of humanized CD47 mice.

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.