

Resource Summary Report

Generated by [NIF](#) on Aug 31, 2026

C57BL/6-Siglec1^{tm1(cre)}Mtka/MtkaRbrc

RRID:IMSR_RBRC06239

Type: Organism

Proper Citation

RRID:IMSR_RBRC06239

Organism Information

URL: <https://brc.riken.jp/mus/RBRC06239>

Proper Citation: RRID:IMSR_RBRC06239

Description: Mus musculus with name C57BL/6-Siglec1^{tm1(cre)}Mtka/MtkaRbrc from IMSR.

Species: Mus musculus

Notes: gene symbol note: sialic acid binding Ig-like lectin 1; sialoadhesin; mutant strain: Siglec1

Affected Gene: sialic acid binding Ig-like lectin 1; sialoadhesin

Genomic Alteration: targeted mutation 1; Masato Tanaka

Catalog Number: RBRC06239

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: C57BL/6-Siglec1^{tm1(cre)}Mtka/MtkaRbrc

Record Creation Time: 20250513T061509+0000

Record Last Update: 20260829T053554+0000

Ratings and Alerts

No rating or validation information has been found for C57BL/6-Siglec1^{tm1(cre)}Mtka/MtkaRbrc.

No alerts have been found for C57BL/6-Siglec1^{tm1(cre)}Mtka/MtkaRbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 4 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#).

Yeung ST, et al. (2025) Nerve- and airway-associated interstitial macrophages mitigate SARS-CoV-2 pathogenesis via type I interferon signaling. *Immunity*, 58(5), 1327.

Yeung ST, et al. (2023) CD169+ macrophage intrinsic IL-10 production regulates immune homeostasis during sepsis. *Cell reports*, 42(3), 112171.

Millard SM, et al. (2021) Fragmentation of tissue-resident macrophages during isolation confounds analysis of single-cell preparations from mouse hematopoietic tissues. *Cell reports*, 37(8), 110058.

Utz SG, et al. (2020) Early Fate Defines Microglia and Non-parenchymal Brain Macrophage Development. *Cell*, 181(3), 557.