Resource Summary Report

Generated by kravitz2 on Sep 18, 2026

B6.129-Siglec1$^{tm1(HBEGF)Mtka}$/MtkaRbrc

RRID:IMSR_RBRC04395
Type: Organism

Proper Citation

RRID:IMSR_RBRC04395

Organism Information

URL: https://brc.riken.jp/mus/RBRC04395

Proper Citation: RRID:IMSR_RBRC04395

Description: Mus musculus with name B6.129-Siglec1$^{tm1(HBEGF)Mtka}$/MtkaRbrc from IMSR.

Species: Mus musculus

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

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

Genomic Alteration: targeted mutation 1; Masato Tanaka

Catalog Number: RBRC04395

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6.129-Siglec1$^{tm1(HBEGF)Mtka}$/MtkaRbrc

Record Creation Time: 20250513T061456+0000

Record Last Update: 20260912T064315+0000

Ratings and Alerts

No rating or validation information has been found for B6.129-Siglec1$^{tm1(HBEGF)Mtka}$/MtkaRbrc.

No alerts have been found for B6.129-Siglec1$^{tm1(HBEGF)Mtka}$/MtkaRbrc.

Data and Source Information

Source: Integrated Animals

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 5 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Hoffman D, et al. (2021) A non-classical monocyte-derived macrophage subset provides a splenic replication niche for intracellular Salmonella. Immunity, 54(12), 2712.

Wong NR, et al. (2021) Resident cardiac macrophages mediate adaptive myocardial remodeling. Immunity, 54(9), 2072.

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.

Tacconi C, et al. (2021) CD169+ lymph node macrophages have protective functions in mouse breast cancer metastasis. Cell reports, 35(2), 108993.

Li Q, et al. (2017) CD169 Expressing Macrophage, a Key Subset in Mesenteric Lymph Nodes Promotes Mucosal Inflammation in Dextran Sulfate Sodium-Induced Colitis. Frontiers in immunology, 8, 669.