

# Resource Summary Report

Generated by PRECISE-TBI on Jul 29, 2026

## B6.129-Siglec1<sup>tm1(HBEGF)</sup>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<sup>tm1(HBEGF)</sup>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<sup>tm1(HBEGF)</sup>Mtka/MtkaRbrc

**Record Creation Time:** 20250513T061456+0000

**Record Last Update:** 20260725T052138+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129-Siglec1<sup>tm1</sup>(HBEGF)Mtka/MtkaRbrc.

No alerts have been found for B6.129-Siglec1<sup>tm1</sup>(HBEGF)Mtka/MtkaRbrc.

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## Data and Source Information

**Source:** [Integrated Animals](#)

**Source Database:** RIKEN BioResource Research Center

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## Usage and Citation Metrics

We found 5 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#).

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

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.

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

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.