

Resource Summary Report

Generated by [NIF](#) on Sep 8, 2026

B6.129P2-Sirpa^{tm1Nog}/Rbrc

RRID:IMSR_RBRC01544

Type: Organism

Proper Citation

RRID:IMSR_RBRC01544

Organism Information

URL: <https://brc.riken.jp/mus/RBRC01544>

Proper Citation: RRID:IMSR_RBRC01544

Description: Mus musculus with name B6.129P2-Sirpa^{tm1Nog}/Rbrc from IMSR.

Species: Mus musculus

Synonyms: B6.129P2-Ptpns1/Rbrc

Notes: gene symbol note: signal-regulatory protein alpha; mutant strain|congenic strain: Sirpa

Affected Gene: signal-regulatory protein alpha

Genomic Alteration: targeted mutation 1; Tetsuya Noguchi

Catalog Number: RBRC01544

Database: RIKEN BioResource Research Center

Database Abbreviation: RBRC

Availability: embryo

Organism Name: B6.129P2-Sirpa^{tm1Nog}/Rbrc

Record Creation Time: 20250513T061437+0000

Record Last Update: 20260905T052407+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2-Sirpa^{tm1Nog}/Rbrc.

No alerts have been found for B6.129P2-Sirpa^{tm1Nog}/Rbrc.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: RIKEN BioResource Research Center

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Cham LB, et al. (2020) Immunotherapeutic Blockade of CD47 Inhibitory Signaling Enhances Innate and Adaptive Immune Responses to Viral Infection. Cell reports, 31(2), 107494.

Nuvolone M, et al. (2017) Prion pathogenesis is unaltered in the absence of SIRP??-mediated "don't-eat-me" signaling. PloS one, 12(5), e0177876.