

Resource Summary Report

Generated by [NIF](#) on Aug 20, 2026

B6.129S4-Cd247^{tm1Lov}/J

RRID:IMSR_JAX:002704

Type: Organism

Proper Citation

RRID:IMSR_JAX:002704

Organism Information

URL: <https://www.jax.org/strain/002704>

Proper Citation: RRID:IMSR_JAX:002704

Description: Mus musculus with name B6.129S4-Cd247^{tm1Lov}/J from IMSR.

Species: Mus musculus

Synonyms: B6.129S4-Cd3z/J

Notes: gene symbol note: CD247 antigen; mutant strain|congenic strain: Cd247

Affected Gene: CD247 antigen

Genomic Alteration: targeted mutation 1; Paul E Love

Catalog Number: JAX:002704

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: embryo

Organism Name: B6.129S4-Cd247^{tm1Lov}/J

Record Creation Time: 20250513T053634+0000

Record Last Update: 20260815T050543+0000

Ratings and Alerts

No rating or validation information has been found for B6.129S4-Cd247^{tm1Lov}/J.

No alerts have been found for B6.129S4-Cd247^{tm1Lov}/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Morita M, et al. (2022) Reduction of Cell Surface T-Cell Receptor by Non-Mitogenic CD3 Antibody to Mitigate Murine Lupus. Frontiers in immunology, 13, 855812.

He T, et al. (2017) The effects of immune protein CD3?? development and degeneration of retinal neurons after optic nerve injury. PloS one, 12(4), e0175522.