

# Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

## B10.129S2(B6)-Ighm<sup>tm1Cgn</sup>/J

RRID:IMSR\_JAX:002249

Type: Organism

### Proper Citation

RRID:IMSR\_JAX:002249

### Organism Information

**URL:** <https://www.jax.org/strain/002249>

**Proper Citation:** RRID:IMSR\_JAX:002249

**Description:** Mus musculus with name B10.129S2(B6)-Ighm<sup>tm1Cgn</sup>/J from IMSR.

**Species:** Mus musculus

**Synonyms:** B10.129S2(B6)-Igh-6/J

**Notes:** gene symbol note: immunoglobulin heavy constant mu; mutant strain|congenic strain: Ighm

**Affected Gene:** immunoglobulin heavy constant mu

**Genomic Alteration:** targeted mutation 1; University of Cologne

**Catalog Number:** JAX:002249

**Database:** JAX Mice and Services

**Database Abbreviation:** JAX

**Availability:** embryo

**Organism Name:** B10.129S2(B6)-Ighm<sup>tm1Cgn</sup>/J

**Record Creation Time:** 20250513T053630+0000

**Record Last Update:** 20260905T044408+0000

### Ratings and Alerts

No rating or validation information has been found for B10.129S2(B6)-Ighm<sup>tm1Cgn</sup>/J.

**Warning:** Warning. Researchers have noted that this genotype does not sufficiently model human rheumatoid arthritis.

**Warning:** Warning. Researchers have noted that this genotype does not sufficiently model human type 1 diabetes mellitus.

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## Data and Source Information

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

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Kureshi CTS, et al. (2026) Dendritic cell redundancy enables priming of anti-tumor CD4+ T cells in pancreatic cancer. Cancer cell, 44(7), 1381.

Weber GF, et al. (2014) Pleural innate response activator B cells protect against pneumonia via a GM-CSF-IgM axis. The Journal of experimental medicine, 211(6), 1243.