

Resource Summary Report

Generated by [T1D](#) on Sep 19, 2026

[Ighm^{tm1Cgn}/Ighm^{tm1Cgn}](#)

RRID:MGI:3702915

Type: Organism

Proper Citation

RRID:MGI:3702915

Organism Information

URL:

Proper Citation: RRID:MGI:3702915

Description: Allele Detail: Targeted This is a legacy resource.

Species: Mus musculus

Notes: Allele Detail: Targeted This is a legacy resource.

Phenotype: increased susceptibility to parasitic infection, arrested B cell differentiation, increased osteoclast cell number, abnormal metallophilic macrophage morphology, increased susceptibility to induced arthritis, abnormal CD4-positive, alpha-beta T cell physiology, absent mature B cells, abnormal antigen presentation, decreased T cell proliferation, decreased susceptibility to type IV hypersensitivity reaction, decreased IgA level, decreased IgG level, absent follicular dendritic cells, abnormal spleen marginal sinus morphology, abnormal spleen marginal zone macrophage morphology

Affected Gene: Ighm

Genomic Alteration: tm1Cgn

Catalog Number: 3702915

Background: involves: 129S2/SvPas

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:19727123](#), [PMID:15475246](#), [PMID:15004164](#), [PMID:20664169](#), [PMID:20111715](#), [PMID:10843660](#)

Organism Name: Ighm^{tm1Cgn}/Ighm^{tm1Cgn}

Record Creation Time: 20240120T190527+0000

Record Last Update: 20240130T201946+0000

Ratings and Alerts

No rating or validation information has been found for Ighm^{tm1Cgn}/Ighm^{tm1Cgn}.

No alerts have been found for Ighm^{tm1Cgn}/Ighm^{tm1Cgn}.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We have not found any literature mentions for this resource.