

# Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 4, 2026

[Igh<sup>tm5.1Cgn</sup>/Igh<sup>tm5.1Cgn</sup>](#)

RRID:MGI:3037899

Type: Organism

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## Proper Citation

RRID:MGI:3037899

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## Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3037899

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

**Species:** Mus musculus

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

**Phenotype:** absent B-1b cells, decreased marginal zone B cell number, abnormal gut-associated lymphoid tissue morphology, absent B-1a cells, decreased B cell number, absent spleen germinal center, decreased immature B cell number, abnormal Peyer's patch germinal center morphology, increased pro-B cell number, abnormal mature B cell morphology, abnormal B cell differentiation, abnormal B cell activation, abnormal lymph node germinal center morphology, absent B-1 B cells

**Affected Gene:** Igh

**Genomic Alteration:** tm5.1Cgn

**Catalog Number:** 3037899

**Background:** BALB/c-Igh

**Database:** MGI, Mouse Genome Informatics MGI

**Database Abbreviation:** MGI

**Availability:** Availability unknown check source stock center

**Source References:** [PMID:14758357](#)

**Organism Name:** Igh<sup>tm5.1Cgn</sup>/Igh<sup>tm5.1Cgn</sup>

**Record Creation Time:** 20240120T190706+0000

**Record Last Update:** 20240130T202043+0000

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## Ratings and Alerts

No rating or validation information has been found for  $Igh^{tm5.1Cgn}/Igh^{tm5.1Cgn}$ .

No alerts have been found for  $Igh^{tm5.1Cgn}/Igh^{tm5.1Cgn}$ .

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## Data and Source Information

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

**Source Database:** MGI, Mouse Genome Informatics MGI

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## Usage and Citation Metrics

We have not found any literature mentions for this resource.