

# Resource Summary Report

Generated by [NIF](#) on Aug 19, 2026

## [Sash3<sup>tm1Hlz</sup>](#)/[Sash3<sup>tm1Hlz</sup>](#)

RRID:MGI:3717151

Type: Organism

### Proper Citation

RRID:MGI:3717151

### Organism Information

**URL:**

**Proper Citation:** RRID:MGI:3717151

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

**Species:** Mus musculus

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

**Phenotype:** decreased IgM level, abnormal marginal zone B cell physiology, abnormal CD4-positive T cell differentiation, abnormal CD8-positive, alpha-beta T cell differentiation, decreased tumor necrosis factor secretion, abnormal humoral immune response, abnormal immune system organ morphology, decreased interleukin-10 secretion, decreased interleukin-2 secretion, abnormal B cell morphology, decreased marginal zone B cell number, lymphoid hypoplasia, abnormal T cell morphology, decreased IgG2a level, decreased IgG1 level, decreased interleukin-4 secretion, decreased double-positive T cell number, decreased IgG level, decreased T cell proliferation, decreased interferon-gamma secretion, increased length of allograft survival, abnormal inflammatory response, abnormal B cell physiology, decreased Peyer's patch number

**Affected Gene:** Sash3

**Genomic Alteration:** tm1Hlz

**Catalog Number:** 3717151

**Background:** B6.129P2-Sash3

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

**Database Abbreviation:** MGI

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

**Source References:** [PMID:16227612](#)

**Organism Name:** Sash3<sup>tm1Hlz</sup>/Sash3<sup>tm1Hlz</sup>

**Record Creation Time:** 20240120T190512+0000

**Record Last Update:** 20240130T201937+0000

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## Ratings and Alerts

No rating or validation information has been found for Sash3<sup>tm1Hlz</sup>/Sash3<sup>tm1Hlz</sup>.

No alerts have been found for Sash3<sup>tm1Hlz</sup>/Sash3<sup>tm1Hlz</sup>.

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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.