

Resource Summary Report

Generated by [SPARC SAWG](#) on Aug 11, 2026

[Arpc1b^{tm1a\(EUCOMM\)Wtsi}](#)/[Arpc1b^{tm1a\(EUCOMM\)Wtsi}](#)

RRID:MGI:5630865

Type: Organism

Proper Citation

RRID:MGI:5630865

Organism Information

URL:

Proper Citation: RRID:MGI:5630865

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

Species: *Mus musculus*

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

Phenotype: increased effector memory CD4-positive, alpha-beta T cell number, increased memory CD4-positive, CD25-positive, alpha-beta regulatory T cell number, decreased macrophage cell number, increased memory-marker CD4-negative NK T cell number, increased red blood cell distribution width, decreased Ly6C-positive mature NK cell number, decreased mature NK cell number, increased effector memory CD8-positive, alpha-beta T cell number, decreased NK cell number, decreased body length, increased KLRG1-positive T-helper cell number, increased CD4-positive, CD25-positive, alpha-beta regulatory T cell number, increased circulating calcium level, decreased CD8-positive, alpha-beta T cell number, increased eosinophil cell number, decreased transitional stage T2 B cell number, increased KLRG1-positive CD4-positive, CD25-positive, alpha-beta regulatory T cell number, increased mean platelet volume, increased immature NK cell number, increased plasma cell number, increased effector memory T-helper cell number, increased circulating total protein level, decreased mean corpuscular volume, decreased circulating serum albumin level, decreased mature B cell number, skin fibrosis, decreased KLRG1-positive NK cell number, pigment incontinence, fusion of vertebral arches, increased memory-marker NK cell number, decreased marginal zone precursor B cell number, vertebral fusion, increased CD103-positive CD11b-low dendritic cell number, decreased circulating insulin level

Affected Gene: *Arpc1b*

Genomic Alteration: *tm1a(EUCOMM)Wtsi*

Catalog Number: 5630865

Background: C57BL/6N-Arpc1b/Wtsi

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: [PMID:25340873](#)

Organism Name: Arpc1b^{tm1a(EUCOMM)Wtsi}/Arpc1b^{tm1a(EUCOMM)Wtsi}

Record Creation Time: 20240120T190031+0000

Record Last Update: 20240130T201657+0000

Ratings and Alerts

No rating or validation information has been found for Arpc1b^{tm1a(EUCOMM)Wtsi}/Arpc1b^{tm1a(EUCOMM)Wtsi}.

No alerts have been found for Arpc1b^{tm1a(EUCOMM)Wtsi}/Arpc1b^{tm1a(EUCOMM)Wtsi}.

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.