Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 29, 2025

Cd79a$^{tm1(cre)Reth}$/Cd79a^{+}; Grb2^{tm1Lnit}/Grb2^{tm1Lnit}

RRID:MGI:4949890
Type: Organism

Proper Citation

RRID:MGI:4949890

Organism Information

URL:

Proper Citation: RRID:MGI:4949890

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

Species: Mus musculus

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

Phenotype: abnormal memory B cell physiology, decreased IgG3 level, decreased follicular B cell number, increased B cell apoptosis, decreased spleen germinal center size, decreased transitional stage T1 B cell number, decreased transitional stage T2 B cell number, increased B cell proliferation, decreased IgG level, decreased B cell number, abnormal B cell physiology, abnormal B cell differentiation, increased IgM level, decreased mature B cell number, decreased spleen germinal center number, increased plasma cell number

Affected Gene: Cd79a, Grb2

Genomic Alteration: tm1Lnit, tm1(cre)Reth

Catalog Number: 4949890

Background: involves: BALB/c * BALB/cJ

Database: MGI, Mouse Genome Informatics MGI

Database Abbreviation: MGI

Availability: Availability unknown check source stock center

Source References: PMID:21427701

Organism Name: $Cd79a^{tm1(cre)Reth}/Cd79a^{+}$; $Grb2^{tm1Lnit}/Grb2^{tm1Lnit}$

Record Creation Time: 20240120T190225+0000

Record Last Update: 20240130T201804+0000

Ratings and Alerts

No rating or validation information has been found for $Cd79a^{tm1(cre)Reth}/Cd79a^{+}$; $Grb2^{tm1Lnit}/Grb2^{tm1Lnit}$.

No alerts have been found for $Cd79a^{tm1(cre)Reth}/Cd79a^{+}$; $Grb2^{tm1Lnit}/Grb2^{tm1Lnit}$.

Data and Source Information

Source: Integrated Animals

Source Database: MGI, Mouse Genome Informatics MGI

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Collins TN, et al. (2018) Crk proteins transduce FGF signaling to promote lens fiber cell elongation. eLife, 7.