

Resource Summary Report

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B6.129P2(C)-Cd19^{tm1}(cre)Cgn/J

RRID:IMSR_JAX:006785

Type: Organism

Proper Citation

RRID:IMSR_JAX:006785

Organism Information

URL: <https://www.jax.org/strain/006785>

Proper Citation: RRID:IMSR_JAX:006785

Description: Mus musculus with name B6.129P2(C)-Cd19^{tm1}(cre)Cgn/J from IMSR.

Species: Mus musculus

Notes: gene symbol note: CD19 antigen|; mutant strain|congenic strain: Cd19|

Affected Gene: CD19 antigen|

Genomic Alteration: targeted mutation 1; University of Cologne

Catalog Number: JAX:006785

Database: JAX Mice and Services

Database Abbreviation: JAX

Availability: live

Organism Name: B6.129P2(C)-Cd19^{tm1}(cre)Cgn/J

Record Creation Time: 20250513T053659+0000

Record Last Update: 20260725T044412+0000

Ratings and Alerts

No rating or validation information has been found for B6.129P2(C)-Cd19^{tm1}(cre)Cgn/J.

No alerts have been found for B6.129P2(C)-Cd19^{tm1}(cre)Cgn/J.

Data and Source Information

Source: [Integrated Animals](#)

Source Database: JAX Mice and Services

Usage and Citation Metrics

We found 145 mentions in open access literature.

Listed below are recent publications. The full list is available at [nidm-terms](#) .

Luo C, et al. (2025) P75NTR activation limits CD21lo B cell subsets expansion in response to autoimmune-inducing challenges. *iScience*, 28(8), 113055.

Hertz D, et al. (2025) Sex-specific impact of B cell-derived IL-10 on tuberculosis resistance. *Frontiers in immunology*, 16, 1524500.

Puente-Ruiz SC, et al. (2025) B cell-derived nociceptin/orphanin FQ contributes to impaired glucose tolerance and insulin resistance in obesity. *iScience*, 28(7), 112819.

Cunha DM, et al. (2025) Enhanced antibody responses in CD19-Cre mice. *Scientific reports*, 15(1), 1348.

Gao Y, et al. (2025) α -Ketoglutarate alleviates the pathogenesis of lupus and inhibits the activation and differentiation of B cells by promoting the expression of CD39. *Cellular and molecular life sciences : CMLS*, 82(1), 217.

Zhang B, et al. (2025) SF3B1 mutation accelerates the development of CLL via activation of the mTOR pathway. *JCI insight*, 10(17).

Jiang WJ, et al. (2025) NAT10-mediated acetylation of NIK mRNA in B cells promotes IgA production. *EMBO reports*, 26(15), 3917.

Hu J, et al. (2025) Mucosal vaccination with long-form TSLP induces migratory cDC1-mediated adaptive immunity against SARS-CoV-2 infection. *Journal of virology*, 99(9), e0123125.

Toledo-Teixeira DA, et al. (2025) MyD88 signalling in B cells and antibody responses during Oropouche virus-induced neurological disease in mice. *EBioMedicine*, 117, 105815.

Hesterberg RS, et al. (2025) Lymphoma accelerates T cell and tissue aging. *Cancer cell*.

Conter L, et al. (2025) BLIMP1 controls GC B cell expansion and exit through regulating cell cycle progression and key transcription factors BCL6 and IRF4. *Cell reports*, 44(7), 115977.

George-Alexander LMM, et al. (2025) G9a controls plasma cell differentiation through FOXO1 and ETS1 binding site regulatory networks. *Journal of immunology (Baltimore, Md. : 1950)*.

Haniuda K, et al. (2025) Mucosal viral infection elicits long-lived IgA responses via type 1 follicular helper T cells. *Cell*, 188(24), 6774.

Kusumoto Y, et al. (2024) Sublingual immune cell clusters and dendritic cell distribution in the oral cavity. *JCI insight*, 9(21).

Hillion S, et al. (2024) Maf expression in B cells restricts reactive plasmablast and germinal center B cell expansion. *Nature communications*, 15(1), 7982.

Mertens TF, et al. (2024) MarShie: a clearing protocol for 3D analysis of single cells throughout the bone marrow at subcellular resolution. *Nature communications*, 15(1), 1764.

Schultheiß C, et al. (2024) A20 haploinsufficiency disturbs immune homeostasis and drives the transformation of lymphocytes with permissive antigen receptors. *Science advances*, 10(34), ead13975.

Taghipour-Mirakmahaleh R, et al. (2024) Turncoat antibodies unmasked in a model of autoimmune demyelination: from biology to therapy. *bioRxiv : the preprint server for biology*.

Wang Y, et al. (2024) CD30 influences germinal center B-cell dynamics and the expansion of IgG1-switched B cells. *Cellular & molecular immunology*, 21(12), 1410.

Etesami NS, et al. (2024) B cells in the pneumococcus-infected lung are heterogeneous and require CD4⁺ T cell help including CD40L to become resident memory B cells. *Frontiers in immunology*, 15, 1382638.