

# Resource Summary Report

Generated by [dkNET](#) on Sep 5, 2026

## B6.129P2(C)-Cd19<sup>tm1</sup>(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<sup>tm1</sup>(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<sup>tm1</sup>(cre)Cgn/J

**Record Creation Time:** 20250513T053659+0000

**Record Last Update:** 20260905T044442+0000

### Ratings and Alerts

No rating or validation information has been found for B6.129P2(C)-Cd19<sup>tm1</sup>(cre)Cgn/J.

No alerts have been found for B6.129P2(C)-Cd19<sup>tm1</sup>(cre)Cgn/J.

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## Data and Source Information

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

**Source Database:** JAX Mice and Services

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## Usage and Citation Metrics

We found 151 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [dkNET](#) .

Zhao J, et al. (2026) RNA helicase DHX29 controls the translation of transcription factors involved in germinal center response and plasma cell differentiation in mice. *The EMBO journal*, 45(13), 4605.

Byeon HW, et al. (2026) Myeloid miR-155 deficiency exacerbates viral encephalitis by hindering M1 macrophage polarization due to impaired NLRP3 inflammasome activation in extraneural tissues. *Frontiers in immunology*, 17, 1818106.

Shein SA, et al. (2026) Selective elimination of circulating effector CD8 T cells via LT $\alpha$ R blockade separates anti-CD137 efficacy from toxicity. *Science advances*, 12(17), eaea8737.

Zhu JM, et al. (2026) Interleukin-27 remodels the bone marrow niche to suppress B-cell development and leukaemia progression in mouse models. *EBioMedicine*, 127, 106239.

Plucińska K, et al. (2026) Cell type-specific proximity labeling of organ secretomes reveals energy balance-dependent proteomic remodeling. *bioRxiv : the preprint server for biology*.

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

Luo C, et al. (2025) P75NTR activation limits CD21<sup>lo</sup> B cell subsets expansion in response to autoimmune-inducing challenges. *iScience*, 28(8), 113055.

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.

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

Gao Y, et al. (2025)  $\alpha$ -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.

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

Taghipour-Mirakmahaleh R, et al. (2025) Turncoat antibodies unmasked in a model of autoimmune demyelination: From biology to therapy. *Proceedings of the National Academy of Sciences of the United States of America*, 122(51), e2424988122.

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*.

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.

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.

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