

Resource Summary Report

Generated by [dkNET](#) on Sep 7, 2026

Brilliant Violet 711(TM) anti-mouse CD4

RRID:AB_2564586

Type: Antibody

Proper Citation

BioLegend Cat# 100447, RRID:AB_2564586

Antibody Information

URL: http://antibodyregistry.org/AB_2564586

Proper Citation: BioLegend Cat# 100447, RRID:AB_2564586

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 711(TM) anti-mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone GK1.5

Antibody ID: AB_2564586

Vendor: BioLegend

Catalog Number: 100447

Record Creation Time: 20231110T035207+0000

Record Last Update: 20260831T225804+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 711(TM) anti-mouse CD4.

No alerts have been found for Brilliant Violet 711(TM) anti-mouse CD4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Ino H, et al. (2026) IL-18 produced by pregnant uterus promotes essential inflammatory responses and fetoplacental growth. Cell reports, 45(1), 116865.

Mizuno N, et al. (2026) Characterization of a transmembrane-activating STING agonist using genetically humanized mice. Cell reports, 45(6), 117475.

Yang S, et al. (2026) Oat-?-glucan potentiates anti-PD-1 efficacy through Faecalibacterium prausnitzii-derived butyrate and indole-3-propionic acid. Cell host & microbe, 34(7), 1333.

Jiang R, et al. (2026) A longitudinal atlas of human psoriatic skin reveals the mechanisms of anti-IL-23 therapy in disrupting the type 17 inflammatory circuit. Immunity, 59(6), 1758.

Smyth DJ, et al. (2025) Vaccination against helminth IL-33 modulators permits immune-mediated parasite ejection. Cell reports, 44(5), 115721.

Nyberg WA, et al. (2025) In vivo engineering of murine T cells using the evolved adeno-associated virus variant Ark313. Immunity, 58(2), 499.

Wang X, et al. (2025) Identification of a broad-inhibition influenza neuraminidase antibody from pre-existing memory B cells. Cell host & microbe, 33(1), 151.

Newsome RC, et al. (2025) Microbial-derived immunostimulatory small molecule augments anti-PD-1 therapy in lung cancer. Cell reports. Medicine, 102519.

Chen KY, et al. (2025) Inflammation switches the chemoattractant requirements for naive lymphocyte entry into lymph nodes. Cell, 188(4), 1019.

Woo MS, et al. (2025) The immunoproteasome disturbs neuronal metabolism and drives neurodegeneration in multiple sclerosis. Cell, 188(17), 4567.

Ahn JJ, et al. (2025) Coupling IL-2 with IL-10 to mitigate toxicity and enhance antitumor immunity. Cell reports. Medicine, 6(8), 102257.

LaFlam TN, et al. (2025) Phenotypic pleiotropy of missense variants in human B cell confinement receptor P2RY8. Cell genomics, 100981.

Mittal S, et al. (2024) Protocol for the isolation of tumor cell-derived extracellular vesicles followed by in vivo metastasis assessment in a murine ovarian cancer model. STAR

protocols, 5(2), 102943.

Woo MS, et al. (2024) STING orchestrates the neuronal inflammatory stress response in multiple sclerosis. *Cell*, 187(15), 4043.

Diehl C, et al. (2024) Hyperreactive B cells instruct their elimination by T cells to curb autoinflammation and lymphomagenesis. *Immunity*.

Li Y, et al. (2023) Aurora A kinase inhibition induces accumulation of SCLC tumor cells in mitosis with restored interferon signaling to increase response to PD-L1. *Cell reports. Medicine*, 4(11), 101282.

Macalinao ML, et al. (2023) IL-27 produced during acute malaria infection regulates Plasmodium-specific memory CD4⁺ T cells. *EMBO molecular medicine*, 15(12), e17713.

Iberg CA, et al. (2022) TNF- α sculpts a maturation process in vivo by pruning tolerogenic dendritic cells. *Cell reports*, 39(2), 110657.

Shi Q, et al. (2022) Increased glucose metabolism in TAMs fuels O-GlcNAcylation of lysosomal Cathepsin B to promote cancer metastasis and chemoresistance. *Cancer cell*, 40(10), 1207.

Ataide MA, et al. (2022) Lymphatic migration of unconventional T cells promotes site-specific immunity in distinct lymph nodes. *Immunity*, 55(10), 1813.