

Resource Summary Report

Generated by ASWG on Aug 10, 2026

Brilliant Violet 650(TM) anti-mouse CD4

RRID:AB_2783035

Type: Antibody

Proper Citation

BioLegend Cat# 100469, RRID:AB_2783035

Antibody Information

URL: http://antibodyregistry.org/AB_2783035

Proper Citation: BioLegend Cat# 100469, RRID:AB_2783035

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 650(TM) anti-mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone GK1.5

Antibody ID: AB_2783035

Vendor: BioLegend

Catalog Number: 100469

Record Creation Time: 20250820T001120+0000

Record Last Update: 20250820T073623+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 650(TM) anti-mouse CD4.

No alerts have been found for Brilliant Violet 650(TM) anti-mouse CD4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Mödl B, et al. (2026) TYK2 Promotes Immunosurveillance of Colorectal Cancer Liver Metastasis. *Cancer research*, 86(1), 80.

Van Roy Z, et al. (2025) Interferon-gamma receptor signaling regulates innate immunity during *Staphylococcus aureus* craniotomy infection. *Journal of neuroinflammation*, 22(1), 46.

Mattavelli G, et al. (2025) A TLR4-dependent fibroblast-monocyte axis in tumor-draining lymph nodes contributes to metastasis in triple-negative breast cancer. *Immunity*.

Wu J, et al. (2025) The intestinal fungus *Aspergillus tubingensis* promotes polycystic ovary syndrome through a secondary metabolite. *Cell host & microbe*, 33(1), 119.

Reilly SP, et al. (2025) Unconventional CD8+ T cell surveillance of cytomegalovirus via Qa-1/HLA-E-restricted epitope recognition. *Science advances*, 11(51), eaea8707.

Nagaraju GP, et al. (2024) Mechanism of enhancing chemotherapy efficacy in pancreatic ductal adenocarcinoma with paricalcitol and hydroxychloroquine. *Cell reports. Medicine*, 101881.

Borys SM, et al. (2024) NK cells restrain cytotoxic CD8+ T cells in the submandibular gland via PD-1-PD-L1. *Science immunology*, 9(102), eadl2967.

Perrone R, et al. (2023) CD38 regulates ovarian function and fecundity via NAD+ metabolism. *iScience*, 26(10), 107949.

Yang D, et al. (2022) Nociceptor neurons direct goblet cells via a CGRP-RAMP1 axis to drive mucus production and gut barrier protection. *Cell*, 185(22), 4190.

Abdelfattah N, et al. (2022) Single-cell analysis of human glioma and immune cells identifies S100A4 as an immunotherapy target. *Nature communications*, 13(1), 767.

Mathewson ND, et al. (2021) Inhibitory CD161 receptor identified in glioma-infiltrating T cells by single-cell analysis. *Cell*, 184(5), 1281.

Dai X, et al. (2021) Energy status dictates PD-L1 protein abundance and anti-tumor immunity to enable checkpoint blockade. *Molecular cell*, 81(11), 2317.