

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 13, 2025

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: 20231110T033002+0000

Record Last Update: 20240725T041029+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 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

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

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.