

Resource Summary Report

Generated by NIF on Jul 29, 2026

Brilliant Violet 510(TM) anti-human CD4

RRID:AB_2563314

Type: Antibody

Proper Citation

BioLegend Cat# 300546, RRID:AB_2563314

Antibody Information

URL: http://antibodyregistry.org/AB_2563314

Proper Citation: BioLegend Cat# 300546, RRID:AB_2563314

Target Antigen: CD4

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 510(TM) anti-human CD4

Description: This monoclonal targets CD4

Target Organism: human

Clone ID: Clone RPA-T4

Antibody ID: AB_2563314

Vendor: BioLegend

Catalog Number: 300546

Alternative Catalog Numbers: 300545

Record Creation Time: 20250820T000120+0000

Record Last Update: 20250820T070838+0000

Ratings and Alerts

No rating or validation information has been found for Brilliant Violet 510(TM) anti-human CD4.

No alerts have been found for Brilliant Violet 510(TM) anti-human 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 [NIF](#) .

Zhao XJ, et al. (2024) Humoral and cellular immune responses following Omicron BA.2.2 breakthrough infection and Omicron BA.5 reinfection. *iScience*, 27(7), 110283.

Zhao XJ, et al. (2024) Protocol to evaluate virus-specific CD4+ and CD8+ T cell responses by spectral flow cytometry. *STAR protocols*, 5(4), 103497.

Tachó-Piñot R, et al. (2023) Bcl6 is a subset-defining transcription factor of lymphoid tissue inducer-like ILC3. *Cell reports*, 42(11), 113425.

Herrera-De La Mata S, et al. (2023) Cytotoxic CD4+ tissue-resident memory T cells are associated with asthma severity. *Med (New York, N.Y.)*, 4(12), 875.

Imai H, et al. (2023) Peripheral T cell profiling reveals downregulated exhaustion marker and increased diversity in lymphedema post-lymphatic venous anastomosis. *iScience*, 26(6), 106822.

Mogilenko DA, et al. (2021) Comprehensive Profiling of an Aging Immune System Reveals Clonal GZMK+ CD8+ T Cells as Conserved Hallmark of Inflammaging. *Immunity*, 54(1), 99.

Li S, et al. (2020) Human Tumor-Infiltrating MAIT Cells Display Hallmarks of Bacterial Antigen Recognition in Colorectal Cancer. *Cell reports. Medicine*, 1(3), 100039.