Resource Summary Report

Generated by ASWG on Aug 9, 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 8 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

Ben-Shalom N, et al. (2026) Decoy antibodies block extracellular HSP70, prevent self-signaling, and inhibit melanoma cell survival. Cell reports, 45(5), 117300.

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.

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.

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.

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

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.