

Resource Summary Report

Generated by ASWG on Aug 9, 2026

Brilliant Violet 650(TM) anti-human CD4

RRID:AB_2563050

Type: Antibody

Proper Citation

BioLegend Cat# 317436, RRID:AB_2563050

Antibody Information

URL: http://antibodyregistry.org/AB_2563050

Proper Citation: BioLegend Cat# 317436, RRID:AB_2563050

Target Antigen: CD4

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

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

Description: This monoclonal targets CD4

Target Organism: cynomolgus, rhesus, human

Clone ID: Clone OKT4

Antibody ID: AB_2563050

Vendor: BioLegend

Catalog Number: 317436

Alternative Catalog Numbers: 317435

Record Creation Time: 20250820T024608+0000

Record Last Update: 20250820T142750+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Shobab L, et al. (2026) Differentiated Thyroid Cancer Is Associated With Sex-specific Immune Response. Journal of the Endocrine Society, 10(1), bvaf174.

Greene M, et al. (2025) A developmental program of early residency promotes the differentiation of divergent uterine NK cell subsets in humans. bioRxiv : the preprint server for biology.

Braun LM, et al. (2025) Adiponectin reduces immune checkpoint inhibitor-induced inflammation without blocking anti-tumor immunity. Cancer cell, 43(2), 269.

Barros PO, et al. (2025) Failure of ?? T Cell Recovery in the Gut With Effective Anti-HIV Therapy. Journal of immunology research, 2025, 9883892.

Castell NJ, et al. (2024) SIV-specific antibodies protect against inflammasome-driven encephalitis in untreated macaques. Cell reports, 43(10), 114833.

Álvarez-Prado ÁF, et al. (2023) Immunogenomic analysis of human brain metastases reveals diverse immune landscapes across genetically distinct tumors. Cell reports. Medicine, 4(1), 100900.

Kastenschmidt JM, et al. (2023) Influenza vaccine format mediates distinct cellular and antibody responses in human immune organoids. Immunity, 56(8), 1910.

Maas RR, et al. (2023) The local microenvironment drives activation of neutrophils in human brain tumors. Cell, 186(21), 4546.

Sponaule A, et al. (2023) Dominant CD4+ T cell receptors remain stable throughout antiretroviral therapy-mediated immune restoration in people with HIV. Cell reports. Medicine, 4(11), 101268.

Luoma AM, et al. (2022) Tissue-resident memory and circulating T cells are early responders to pre-surgical cancer immunotherapy. Cell, 185(16), 2918.

Baharlou H, et al. (2022) An in situ analysis pipeline for initial host-pathogen interactions reveals signatures of human colorectal HIV transmission. Cell reports, 40(12), 111385.

de Jonge K, et al. (2021) Inflammatory B cells correlate with failure to checkpoint blockade in melanoma patients. *Oncoimmunology*, 10(1), 1873585.

Rodda LB, et al. (2021) Functional SARS-CoV-2-Specific Immune Memory Persists after Mild COVID-19. *Cell*, 184(1), 169.

Klemm F, et al. (2020) Interrogation of the Microenvironmental Landscape in Brain Tumors Reveals Disease-Specific Alterations of Immune Cells. *Cell*, 181(7), 1643.

Cirelli KM, et al. (2019) Slow Delivery Immunization Enhances HIV Neutralizing Antibody and Germinal Center Responses via Modulation of Immunodominance. *Cell*, 177(5), 1153.

Huang B, et al. (2019) Mucosal Profiling of Pediatric-Onset Colitis and IBD Reveals Common Pathogenics and Therapeutic Pathways. *Cell*, 179(5), 1160.

Del Alcazar D, et al. (2019) Mapping the Lineage Relationship between CXCR5+ and CXCR5- CD4+ T Cells in HIV-Infected Human Lymph Nodes. *Cell reports*, 28(12), 3047.