

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

Brilliant Violet 785(TM) anti-human CD3

RRID:AB_2563507

Type: Antibody

Proper Citation

BioLegend Cat# 317330, RRID:AB_2563507

Antibody Information

URL: http://antibodyregistry.org/AB_2563507

Proper Citation: BioLegend Cat# 317330, RRID:AB_2563507

Target Antigen: CD3

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 785(TM) anti-human CD3

Description: This monoclonal targets CD3

Target Organism: human

Clone ID: Clone OKT3

Antibody ID: AB_2563507

Vendor: BioLegend

Catalog Number: 317330

Alternative Catalog Numbers: 317329

Record Creation Time: 20250819T233350+0000

Record Last Update: 20250820T054337+0000

Ratings and Alerts

- Used for flow cytometry assay by the Human Islet Research Network community.
Contact(s): [Everett Meyer](#), [Seung Kim](#), [Al Powers](#) - Human Islets Research Network
<https://hirnetwork.org/>

No alerts have been found for Brilliant Violet 785(TM) anti-human CD3.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Stervbo U, et al. (2026) Acute COVID-19 is associated with altered CD8 T-cells indicative of impaired ability to control Epstein-Barr virus reactivation. Medical microbiology and immunology, 215(1).

Thayer KR, et al. (2026) Identity, ontogeny, and age-related changes in splenic white pulp macrophages in mouse and human spleen. bioRxiv : the preprint server for biology.

Cao D, et al. (2026) Mutant KRAS Suppresses DNA Sensing by Remodeling Membrane Tension to Clear Extracellular Tumor DNA. Cancer research, 86(14), 3394.

Gao H, et al. (2025) BACH2 promotes seeding and establishment of long-lived HIV-1 reservoir in memory CD4+ T cells. Cell reports. Medicine, 6(9), 102311.

Schmit MM, et al. (2024) A critical threshold of MCM10 is required to maintain genome stability during differentiation of induced pluripotent stem cells into natural killer cells. Open biology, 14(1), 230407.

Hu Y, et al. (2024) Selective refueling of CAR T cells using ADA1 and CD26 boosts antitumor immunity. Cell reports. Medicine, 5(5), 101530.

Jain J, et al. (2024) Bivalent SMAC mimetic APG-1387 reduces HIV reservoirs and limits viral rebound in humanized mice. iScience, 27(12), 111470.

Potts M, et al. (2023) Proteomic analysis of circulating immune cells identifies cellular phenotypes associated with COVID-19 severity. Cell reports, 42(6), 112613.

Vallet N, et al. (2023) Circulating T cell profiles associate with enterotype signatures underlying hematological malignancy relapses. Cell host & microbe, 31(8), 1386.

Zwijnenburg AJ, et al. (2023) Graded expression of the chemokine receptor CX3CR1 marks differentiation states of human and murine T cells and enables cross-species interpretation. Immunity, 56(8), 1955.

Menges D, et al. (2022) Heterogenous humoral and cellular immune responses with distinct trajectories post-SARS-CoV-2 infection in a population-based cohort. Nature

communications, 13(1), 4855.

Zheng Z, et al. (2022) Uncovering the emergence of HSCs in the human fetal bone marrow by single-cell RNA-seq analysis. *Cell stem cell*, 29(11), 1562.

Caduff N, et al. (2021) KSHV infection drives poorly cytotoxic CD56-negative natural killer cell differentiation in vivo upon KSHV/EBV dual infection. *Cell reports*, 35(5), 109056.

Wang N, et al. (2021) Limited TCR repertoire and ENTPD1 dysregulation mark late-stage COVID-19. *iScience*, 24(10), 103205.

Tuong ZK, et al. (2021) Resolving the immune landscape of human prostate at a single-cell level in health and cancer. *Cell reports*, 37(12), 110132.

Dersh D, et al. (2021) Genome-wide Screens Identify Lineage- and Tumor-Specific Genes Modulating MHC-I- and MHC-II-Restricted Immunosurveillance of Human Lymphomas. *Immunity*, 54(1), 116.

Li Y, et al. (2020) Co-culture Systems of Drug-Treated Acute Myeloid Leukemia Cells and T Cells for In Vitro and In Vivo Study. *STAR protocols*, 1(2).

Zhou R, et al. (2020) Acute SARS-CoV-2 Infection Impairs Dendritic Cell and T Cell Responses. *Immunity*, 53(4), 864.

Singh A, et al. (2020) Innate Lymphoid Cell Activation and Sustained Depletion in Blood and Tissue of Children Infected with HIV from Birth Despite Antiretroviral Therapy. *Cell reports*, 32(11), 108153.

Thieme CJ, et al. (2020) Robust T Cell Response Toward Spike, Membrane, and Nucleocapsid SARS-CoV-2 Proteins Is Not Associated with Recovery in Critical COVID-19 Patients. *Cell reports. Medicine*, 1(6), 100092.