

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

Brilliant Violet 570(TM) anti-human CD3

RRID:AB_2562124

Type: Antibody

Proper Citation

BioLegend Cat# 300436, RRID:AB_2562124

Antibody Information

URL: http://antibodyregistry.org/AB_2562124

Proper Citation: BioLegend Cat# 300436, RRID:AB_2562124

Target Antigen: CD3

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Brilliant Violet 570(TM) anti-human CD3

Description: This monoclonal targets CD3

Target Organism: human

Clone ID: Clone UCHT1

Antibody ID: AB_2562124

Vendor: BioLegend

Catalog Number: 300436

Alternative Catalog Numbers: 300435

Record Creation Time: 20250820T010946+0000

Record Last Update: 20250820T101152+0000

Ratings and Alerts

- Used for flow cytometry assay by the Human Islet Research Network community.
Contact(s): Michael Betts, Ali Naji - Human Islets Research Network
<https://hirnetwork.org/>

No alerts have been found for Brilliant Violet 570(TM) anti-human CD3.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

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

Marceaux C, et al. (2026) TNF- α -mediated myeloid-instructed CD14+CD4+ T cells are associated with poor survival in lung adenocarcinoma. Cell reports. Medicine, 7(2), 102593.

Rosenbaum E, et al. (2026) Association of Circulating T Cell and Tumor Microenvironment Profiles with Immune Checkpoint Blockade Outcomes in Sarcoma. Clinical cancer research : an official journal of the American Association for Cancer Research, 32(9), 1777.

Song NJ, et al. (2025) Tumor-associated NK Cells Regulate Distinct CD8+ T-cell Differentiation Program in Cancer and Contribute to Resistance against Immune Checkpoint Blockers. Cancer discovery, 15(9), 1835.

Kardava L, et al. (2025) Phenotypic heterogeneity defines B cell responses to repeated SARS-CoV-2 exposures through vaccination and infection. Cell reports, 44(4), 115557.

Chauhan SKS, et al. (2025) Protocol for optimized mononuclear cell isolation from liver and tumor tissue using mechanical or enzymatic digestion. STAR protocols, 7(1), 104289.

Cook DR, et al. (2025) Checkpoint antibody receptor modified ARMed CAR T circumvents the suppressive immunome in GBM. Frontiers in immunology, 16, 1579925.

Izzati FN, et al. (2025) Presentation of immunoregulatory sialoglycans on T cells is divergent between mice and humans. Cell reports, 44(7), 115933.

Rasbach E, et al. (2025) Targeting the tumor cell-intrinsic ITGB2 axis inhibits melanoma progression. Molecular cancer, 24(1), 310.

Jenkins BJ, et al. (2023) Canagliflozin impairs T cell effector function via metabolic suppression in autoimmunity. Cell metabolism, 35(7), 1132.

Hilliard S, et al. (2023) Bow-tie architectures in biological and artificial neural networks: Implications for network evolution and assay design. iScience, 26(2), 106041.

Matveev VA, et al. (2023) Immunogenicity of COVID-19 vaccines and their effect on HIV reservoir in older people with HIV. *iScience*, 26(10), 107915.

Ahmed A, et al. (2023) BCG revaccination in adults enhances pro-inflammatory markers of trained immunity along with anti-inflammatory pathways. *iScience*, 26(10), 107889.

Weeden CE, et al. (2023) Early immune pressure initiated by tissue-resident memory T cells sculpts tumor evolution in non-small cell lung cancer. *Cancer cell*, 41(5), 837.

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

Lozano-Rodríguez R, et al. (2022) Cellular and humoral functional responses after BNT162b2 mRNA vaccination differ longitudinally between naive and subjects recovered from COVID-19. *Cell reports*, 38(2), 110235.

McDavid A, et al. (2022) Aberrant newborn T cell and microbiota developmental trajectories predict respiratory compromise during infancy. *iScience*, 25(4), 104007.

Buckner CM, et al. (2022) Interval between prior SARS-CoV-2 infection and booster vaccination impacts magnitude and quality of antibody and B cell responses. *Cell*, 185(23), 4333.

Xu C, et al. (2022) Comprehensive multi-omics single-cell data integration reveals greater heterogeneity in the human immune system. *iScience*, 25(10), 105123.

Pattekar A, et al. (2021) Norovirus-Specific CD8⁺ T Cell Responses in Human Blood and Tissues. *Cellular and molecular gastroenterology and hepatology*, 11(5), 1267.

Rakshit S, et al. (2020) HIV Skews a Balanced Mtb-Specific Th17 Response in Latent Tuberculosis Subjects to a Pro-inflammatory Profile Independent of Viral Load. *Cell reports*, 33(9), 108451.