Resource Summary Report

Generated by ASWG on Aug 9, 2026

Purified anti-human CD3

RRID:AB_314056
Type: Antibody

Proper Citation

BioLegend Cat# 300402, RRID:AB_314056

Antibody Information

URL: http://antibodyregistry.org/AB_314056

Proper Citation: BioLegend Cat# 300402, RRID:AB_314056

Target Antigen: CD3

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC, CyTOF®, IHC-F, IP, Activ, WB

Antibody Name: Purified anti-human CD3

Description: This monoclonal targets CD3

Target Organism: human

Clone ID: Clone UCHT1

Antibody ID: AB_314056

Vendor: BioLegend

Catalog Number: 300402

Alternative Catalog Numbers: 300401

Record Creation Time: 20250819T224759+0000

Record Last Update: 20250820T032017+0000

Ratings and Alerts

- Used for cytometry time of flight assay by the Human Islet Research Network community. Contact(s): Bernd Bodenmiller - Human Islets Research Network https://hirnetwork.org/

No alerts have been found for Purified anti-human CD3.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Babdor J, et al. (2026) Immune-microbiome coordination defines interferon setpoints in healthy humans. Cell, 189(10), 3144.

Horbach N, et al. (2025) Visualization of calpain-1 activation during cell death and its role in GSDMD cleavage using chemical probes. Cell chemical biology, 32(4), 603.

Tang M, et al. (2025) Single cell immune profiling in ankylosing spondylitis reveals resistance of CD8+ T cells to immune exhaustion. iScience, 28(7), 112715.

Pi R, et al. (2025) NKp30 and NKG2D contribute to natural killer cell-mediated recognition of HIV-infected cells. iScience, 28(10), 113548.

Koliesnik I, et al. (2025) An IL-12 partial agonist sustains intratumoral lymphocyte activation and detoxifies systemic IL-12 therapy. Cell reports, 45(1), 116757.

Stankiewicz LN, et al. (2025) Sex-biased human thymic architecture guides T cell development through spatially defined niches. Developmental cell, 60(1), 152.

Glass DR, et al. (2024) Multi-omic profiling reveals the endogenous and neoplastic responses to immunotherapies in cutaneous T cell lymphoma. Cell reports. Medicine, 5(5), 101527.

Kaczanowska S, et al. (2024) Immune determinants of CAR-T cell expansion in solid tumor patients receiving GD2 CAR-T cell therapy. Cancer cell, 42(1), 35.

Ryu H, et al. (2024) Merkel cell polyomavirus-specific and CD39+CLA+ CD8 T cells as blood-based predictive biomarkers for PD-1 blockade in Merkel cell carcinoma. Cell reports. Medicine, 5(2), 101390.

Loh L, et al. (2024) Unraveling the phenotypic states of human innate-like T cells: Comparative insights with conventional T cells and mouse models. Cell reports, 43(9), 114705.

Xu Y, et al. (2023) CD16+ monocytes are involved in the hyper-inflammatory state of Prader-Willi Syndrome by single-cell transcriptomic analysis. Frontiers in immunology, 14,

1153730.

Rosain J, et al. (2023) Human IRF1 governs macrophagic IFN-? immunity to mycobacteria. Cell, 186(3), 621.

Mayer-Blackwell K, et al. (2023) mRNA vaccination boosts S-specific T cell memory and promotes expansion of CD45RAint TEMRA-like CD8+ T cells in COVID-19 recovered individuals. Cell reports. Medicine, 4(8), 101149.

De Vargas Roditi L, et al. (2022) Single-cell proteomics defines the cellular heterogeneity of localized prostate cancer. Cell reports. Medicine, 3(4), 100604.

Miheecheva N, et al. (2022) Multiregional single-cell proteogenomic analysis of ccRCC reveals cytokine drivers of intratumor spatial heterogeneity. Cell reports, 40(7), 111180.

Alpert A, et al. (2022) Alignment of single-cell trajectories by tuMap enables high-resolution quantitative comparison of cancer samples. Cell systems, 13(1), 71.

Schwabenland M, et al. (2021) Deep spatial profiling of human COVID-19 brains reveals neuroinflammation with distinct microanatomical microglia-T-cell interactions. Immunity, 54(7), 1594.

Mishra A, et al. (2021) Microbial exposure during early human development primes fetal immune cells. Cell, 184(13), 3394.

Leader AM, et al. (2021) Single-cell analysis of human non-small cell lung cancer lesions refines tumor classification and patient stratification. Cancer cell, 39(12), 1594.

Kim ML, et al. (2021) Hydroxychloroquine inhibits the mitochondrial antioxidant system in activated T cells. iScience, 24(12), 103509.