

Resource Summary Report

Generated by [RRID](#) on Jul 28, 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](https://hirnetwork.org/) - 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 31 mentions in open access literature.

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

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.

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.

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.

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.

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.

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

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.

Mayer-Blackwell K, et al. (2023) mRNA vaccination boosts S-specific T cell memory and promotes expansion of CD45RA^{int} 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.

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.

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

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

Roussel M, et al. (2021) Comparative immune profiling of acute respiratory distress syndrome patients with or without SARS-CoV-2 infection. *Cell reports. Medicine*, 2(6), 100291.