

Resource Summary Report

Generated by PRECISE-TBI on Aug 9, 2026

Biotin anti-human CD3

RRID:AB_10916519

Type: Antibody

Proper Citation

BioLegend Cat# 317320, RRID:AB_10916519

Antibody Information

URL: http://antibodyregistry.org/AB_10916519

Proper Citation: BioLegend Cat# 317320, RRID:AB_10916519

Target Antigen: CD3

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Biotin anti-human CD3

Description: This monoclonal targets CD3

Target Organism: human

Clone ID: Clone OKT3

Antibody ID: AB_10916519

Vendor: BioLegend

Catalog Number: 317320

Alternative Catalog Numbers: 317319

Record Creation Time: 20250820T052811+0000

Record Last Update: 20250820T213832+0000

Ratings and Alerts

No rating or validation information has been found for Biotin anti-human CD3.

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Zhao J, et al. (2026) Activated CD38+ mast cells promote gastric cancer progression by suppressing CD8+ T cell cytotoxic activity through adenosine metabolism. Cell reports, 45(2), 116863.

Bennstein SB, et al. (2026) A single-cell transcriptional reference for the functional and developmental diversity of neonatal innate lymphoid cells. Cell reports, 45(3), 117000.

Naef P, et al. (2025) IL-33/ST2 signaling in ILC2s drives exhaustion and myeloid skewing of HSCs in response to hematopoietic stress and aging. iScience, 28(5), 112378.

Dong B, et al. (2024) NK Receptor Signaling Lowers TCR Activation Threshold, Enhancing Selective Recognition of Cancer Cells by TAA-Specific CTLs. Cancer immunology research, 12(10), 1421.

Toh J, et al. (2024) Multi-modal analysis reveals tumor and immune features distinguishing EBV-positive and EBV-negative post-transplant lymphoproliferative disorders. Cell reports. Medicine, 5(12), 101851.

Zhao Y, et al. (2023) cis-B7:CD28 interactions at invaginated synaptic membranes provide CD28 co-stimulation and promote CD8+ T cell function and anti-tumor immunity. Immunity.

Banta KL, et al. (2022) Mechanistic convergence of the TIGIT and PD-1 inhibitory pathways necessitates co-blockade to optimize anti-tumor CD8+ T cell responses. Immunity, 55(3), 512.

Zhang W, et al. (2022) Gut-innervating nociceptors regulate the intestinal microbiota to promote tissue protection. Cell, 185(22), 4170.

Xu X, et al. (2021) Molecular features underlying differential SHP1/SHP2 binding of immune checkpoint receptors. eLife, 10.

Riether C, et al. (2021) Metoclopramide treatment blocks CD93-signaling-mediated self-renewal of chronic myeloid leukemia stem cells. Cell reports, 34(4), 108663.

Hinterbrandner M, et al. (2021) Tnfrsf4-expressing regulatory T cells promote immune escape of chronic myeloid leukemia stem cells. JCI insight, 6(23).

Bourdely P, et al. (2020) Transcriptional and Functional Analysis of CD1c+ Human Dendritic Cells Identifies a CD163+ Subset Priming CD8+CD103+ T Cells. Immunity, 53(2), 335.

Bennstein SB, et al. (2020) Umbilical cord blood-derived ILC1-like cells constitute a novel precursor for mature KIR+NKG2A- NK cells. eLife, 9.

Zhang DKY, et al. (2020) Activation and expansion of human T cells using artificial antigen-presenting cell scaffolds. Nature protocols, 15(3), 773.

Sun J, et al. (2018) SIRT1 Activation Disrupts Maintenance of Myelodysplastic Syndrome Stem and Progenitor Cells by Restoring TET2 Function. Cell stem cell, 23(3), 355.