

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 2026

CD3

RRID:AB_397038

Type: Antibody

Proper Citation

BD Biosciences Cat# 558117, RRID:AB_397038

Antibody Information

URL: http://antibodyregistry.org/AB_397038

Proper Citation: BD Biosciences Cat# 558117, RRID:AB_397038

Target Antigen: CD3

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD3

Description: This monoclonal targets CD3

Target Organism: human

Antibody ID: AB_397038

Vendor: BD Biosciences

Catalog Number: 558117

Record Creation Time: 20250820T053925+0000

Record Last Update: 20250820T220807+0000

Ratings and Alerts

No rating or validation information has been found for CD3.

No alerts have been found for CD3.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Tang A, et al. (2026) Targeting BCMA in multiple myeloma with a trifunctional NK cell engager. Cell reports. Medicine, 7(3), 102628.

Roy V, et al. (2026) Epstein-Barr-virus-specific functional antibody signatures in the context of nasopharyngeal carcinoma development. Med (New York, N.Y.), 7(1), 100925.

Nziza N, et al. (2026) Breast milk antibody Fc signatures track with HIV transmission during breastfeeding in ART-naïve mothers. iScience, 29(4), 115520.

Powers JS, et al. (2026) Delayed viral rebound post-ART interruption in infant macaques given SIV-specific neutralizing antibodies. Cell reports. Medicine, 7(3), 102636.

Nair MS, et al. (2026) Antiviral activity of non-neutralizing antibodies during steady-state HIV-1 infection in humanized mice. iScience, 29(7), 116632.

Chu Q, et al. (2025) Efficient boosting of Omicron-reactive memory B cells after breakthrough infection protects from repeated exposure. iScience, 28(4), 112278.

Carter MM, et al. (2025) A human milk oligosaccharide alters the microbiome, circulating hormones, and metabolites in a randomized controlled trial of older adults. Cell reports. Medicine, 6(8), 102256.

Laheurte C, et al. (2025) UCPVax, a CD4 helper peptide vaccine, induces polyfunctional Th1 cells, antibody response, and epitope spreading to improve antitumor immunity. Cell reports. Medicine, 6(7), 102196.

Revach OY, et al. (2025) Overcoming resistance to immunotherapy by targeting CD38 in human tumor explants. Cell reports. Medicine, 6(7), 102210.

Jung W, et al. (2024) SARS-CoV-2 infection prior to vaccination amplifies Fc-mediated humoral profiles in an age-dependent manner. Cell reports, 43(9), 114684.

Fert A, et al. (2024) Metformin facilitates viral reservoir reactivation and their recognition by anti-HIV-1 envelope antibodies. iScience, 27(9), 110670.

Drost F, et al. (2024) Predicting T cell receptor functionality against mutant epitopes. Cell genomics, 4(9), 100634.

Dias J, et al. (2024) Retinoic acid enhances HIV-1 reverse transcription and transcription in macrophages via mTOR-modulated mechanisms. Cell reports, 43(7), 114414.

Chatterjee D, et al. (2023) Identification of aryl hydrocarbon receptor as a barrier to HIV-1 infection and outgrowth in CD4+ T cells. *Cell reports*, 42(6), 112634.

Boudreau CM, et al. (2023) Pre-existing Fc profiles shape the evolution of neutralizing antibody breadth following influenza vaccination. *Cell reports. Medicine*, 4(3), 100975.

Adams LE, et al. (2023) Fc-mediated pan-sarbecovirus protection after alphavirus vector vaccination. *Cell reports*, 42(4), 112326.

Boudreau CM, et al. (2022) Dissecting Fc signatures of protection in neonates following maternal influenza vaccination in a placebo-controlled trial. *Cell reports*, 38(6), 110337.

Li Y, et al. (2022) Structural and functional analysis of an inter-Spike bivalent neutralizing antibody against SARS-CoV-2 variants. *iScience*, 25(6), 104431.

Davies LRL, et al. (2022) Polysaccharide and conjugate vaccines to *Streptococcus pneumoniae* generate distinct humoral responses. *Science translational medicine*, 14(656), eabm4065.

Höfle J, et al. (2022) Engagement of TRAIL triggers degranulation and IFN γ production in human natural killer cells. *EMBO reports*, 23(8), e54133.