

Resource Summary Report

Generated by [dkNET](#) on Aug 2, 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 29 mentions in open access literature.

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

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.

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.

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

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

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.

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

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.

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.

Demaria O, et al. (2022) Antitumor immunity induced by antibody-based natural killer cell engager therapeutics armed with not-alpha IL-2 variant. *Cell reports. Medicine*, 3(10), 100783.

Zohar T, et al. (2022) Upper and lower respiratory tract correlates of protection against respiratory syncytial virus following vaccination of nonhuman primates. *Cell host & microbe*, 30(1), 41.

Wiche Salinas TR, et al. (2021) IL-17A reprograms intestinal epithelial cells to facilitate HIV-1 replication and outgrowth in CD4 $^{+}$ T cells. *iScience*, 24(11), 103225.

Gorman MJ, et al. (2021) Fab and Fc contribute to maximal protection against SARS-CoV-2 following NVX-CoV2373 subunit vaccine with Matrix-M vaccination. *Cell reports. Medicine*, 2(9), 100405.