

Resource Summary Report

Generated by ASWG on Aug 10, 2026

CD3

RRID:AB_2738909

Type: Antibody

Proper Citation

BD Biosciences Cat# 564713, RRID:AB_2738909

Antibody Information

URL: http://antibodyregistry.org/AB_2738909

Proper Citation: BD Biosciences Cat# 564713, RRID:AB_2738909

Target Antigen: CD3

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD3

Description: This monoclonal targets CD3

Target Organism: human

Clone ID: HIT3a

Antibody ID: AB_2738909

Vendor: BD Biosciences

Catalog Number: 564713

Record Creation Time: 20250820T044454+0000

Record Last Update: 20250820T194927+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 14 mentions in open access literature.

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

Li S, et al. (2026) Optimization of hinge domain enhances antitumor efficacy of globo H-targeted CAR-T cells in solid tumor models. iScience, 29(7), 116580.

Schuster DJ, et al. (2026) Coordinated immune response distinguishes duration of SARS-CoV-2 viral particle shedding in humans. iScience, 29(4), 115277.

Lai Y, et al. (2025) BCG-trained macrophages couple LDLR upregulation to type I IFN responses and antiviral immunity. Cell reports, 44(4), 115493.

Bone B, et al. (2025) Distinct viral reservoirs and immune signatures in individuals on long-term antiretroviral therapy with perinatally acquired HIV-1. Cell reports. Medicine, 6(6), 102150.

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.

Kilian M, et al. (2023) MHC class II-restricted antigen presentation is required to prevent dysfunction of cytotoxic T cells by blood-borne myeloids in brain tumors. Cancer cell, 41(2), 235.

Yao CC, et al. (2023) Accumulation of branched-chain amino acids reprograms glucose metabolism in CD8⁺ T cells with enhanced effector function and anti-tumor response. Cell reports, 42(3), 112186.

Pan Q, et al. (2023) Phase 1 clinical trial to assess safety and efficacy of NY-ESO-1-specific TCR T cells in HLA-A*02:01 patients with advanced soft tissue sarcoma. Cell reports. Medicine, 4(8), 101133.

Choi SJ, et al. (2023) KIR⁺CD8⁺ and NKG2A⁺CD8⁺ T cells are distinct innate-like populations in humans. Cell reports, 42(3), 112236.

Capelle CM, et al. (2022) Combinatorial analysis reveals highly coordinated early-stage immune reactions that predict later antiviral immunity in mild COVID-19 patients. Cell reports. Medicine, 3(4), 100600.

Cohen KW, et al. (2021) Longitudinal analysis shows durable and broad immune memory after SARS-CoV-2 infection with persisting antibody responses and memory B and T cells. Cell reports. Medicine, 2(7), 100354.

Mathewson ND, et al. (2021) Inhibitory CD161 receptor identified in glioma-infiltrating T cells by single-cell analysis. *Cell*, 184(5), 1281.

Argüello RJ, et al. (2020) SCENITH: A Flow Cytometry-Based Method to Functionally Profile Energy Metabolism with Single-Cell Resolution. *Cell metabolism*, 32(6), 1063.

Ma X, et al. (2019) Cholesterol Induces CD8⁺ T Cell Exhaustion in the Tumor Microenvironment. *Cell metabolism*, 30(1), 143.