

Resource Summary Report

Generated by ASWG on Aug 11, 2026

CD4

RRID:AB_2738917

Type: Antibody

Proper Citation

BD Biosciences Cat# 564724, RRID:AB_2738917

Antibody Information

URL: http://antibodyregistry.org/AB_2738917

Proper Citation: BD Biosciences Cat# 564724, RRID:AB_2738917

Target Antigen: CD4

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD4

Description: This monoclonal targets CD4

Target Organism: human

Clone ID: RPA-T4

Antibody ID: AB_2738917

Vendor: BD Biosciences

Catalog Number: 564724

Record Creation Time: 20250820T062014+0000

Record Last Update: 20250820T235025+0000

Ratings and Alerts

No rating or validation information has been found for CD4.

No alerts have been found for CD4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Crain CR, et al. (2026) Expansion of stemlike HIV-specific CD8+ T cells and limited viral epitope diversity characterize durable posttreatment control of HIV. *Science translational medicine*, 18(846), eaed0042.

Kocher K, et al. (2026) Integrating complementary approaches reveals antigen-reactive CD4+ T cell states after SARS-CoV-2 vaccination. *iScience*, 29(6), 116175.

He S, et al. (2025) Systemic immune activity occurs during human immune system maturation. *Cell*, 188(25), 7291.

Stetsenko V, et al. (2025) Human CD4+ T cells recognize *Mycobacterium tuberculosis*-infected macrophages amid broader responses. *The Journal of experimental medicine*, 222(12).

Das Adhikari U, et al. (2025) Immunometabolic defects of CD8+ T cells disrupt gut barrier integrity in people with HIV. *Cell*.

Markov NS, et al. (2024) Distinctive evolution of alveolar T cell responses is associated with clinical outcomes in unvaccinated patients with SARS-CoV-2 pneumonia. *Nature immunology*, 25(9), 1607.

Armani-Tourret M, et al. (2024) Selection of epigenetically privileged HIV-1 proviruses during treatment with panobinostat and interferon- γ 2a. *Cell*, 187(5), 1238.

Arkin LM, et al. (2024) Pandemic-associated pernio harbors footprints of an abortive SARS-CoV-2 infection. *iScience*, 27(8), 110525.

Rutkowska A, et al. (2024) Synergistic Effects of PARP Inhibition and Cholesterol Biosynthesis Pathway Modulation. *Cancer research communications*, 4(9), 2427.

Wu J, et al. (2024) A PD-1-targeted, receptor-masked IL-2 immunocytokine that engages IL-2R β strengthens T cell-mediated anti-tumor therapies. *Cell reports. Medicine*, 5(10), 101747.

Sperber HS, et al. (2023) The hypoxia-regulated ectonucleotidase CD73 is a host determinant of HIV latency. *Cell reports*, 42(11), 113285.

Veatch JR, et al. (2022) Neoantigen-specific CD4+ T cells in human melanoma have diverse differentiation states and correlate with CD8+ T cell, macrophage, and B cell function. *Cancer cell*, 40(4), 393.

Hubbard JM, et al. (2022) Safety and Activity of PolyPEPI1018 Combined with Maintenance Therapy in Metastatic Colorectal Cancer: an Open-Label, Multicenter, Phase Ib Study. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 28(13), 2818.

Guo X, et al. (2021) Effective chimeric antigen receptor T cells against SARS-CoV-2. *iScience*, 24(11), 103295.

Grant RA, et al. (2021) Circuits between infected macrophages and T cells in SARS-CoV-2 pneumonia. *Nature*, 590(7847), 635.

Darcis G, et al. (2020) CD32+CD4+ T Cells Are Highly Enriched for HIV DNA and Can Support Transcriptional Latency. *Cell reports*, 30(7), 2284.

Nicholas DA, et al. (2019) Fatty Acid Metabolites Combine with Reduced ? Oxidation to Activate Th17 Inflammation in Human Type 2 Diabetes. *Cell metabolism*, 30(3), 447.

Kim CJ, et al. (2018) The Transcription Factor Ets1 Suppresses T Follicular Helper Type 2 Cell Differentiation to Halt the Onset of Systemic Lupus Erythematosus. *Immunity*, 49(6), 1034.