Resource Summary Report

Generated by nidm-terms on Aug 24, 2026

CD4

RRID:AB_11154417
Type: Antibody

Proper Citation

BD Biosciences Cat# 562424, RRID:AB_11154417

Antibody Information

URL: http://antibodyregistry.org/AB_11154417

Proper Citation: BD Biosciences Cat# 562424, RRID:AB_11154417

Target Antigen: CD4

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry, Immunofluorescence

Antibody Name: CD4

Description: This monoclonal targets CD4

Target Organism: human

Antibody ID: AB_11154417

Vendor: BD Biosciences

Catalog Number: 562424

Record Creation Time: 20250820T042620+0000

Record Last Update: 20250820T185835+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 nidm-terms .

Wang S, et al. (2025) IND-Enabling Studies for a TCR-T Targeting a Pancreatic Cancer KRASG12V Mutation. Clinical cancer research : an official journal of the American Association for Cancer Research, 31(21), 4557.

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.

Decker AH, et al. (2025) Interleukin-6 in synovial fluid drives the conversion of DC2s to DC3s in inflammatory arthritis. iScience, 28(7), 112957.

Morath K, et al. (2024) Activation-neutral gene editing of tonsillar CD4 T cells for functional studies in human ex vivo tonsil cultures. Cell reports methods, 4(1), 100685.

Guo HZ, et al. (2024) A CD36-dependent non-canonical lipid metabolism program promotes immune escape and resistance to hypomethylating agent therapy in AML. Cell reports. Medicine, 5(6), 101592.

Nemati N, et al. (2024) Protocol for functional profiling of patient-derived organoids for precision oncology. STAR protocols, 5(1), 102887.

Bohacova P, et al. (2024) Multidimensional profiling of human T cells reveals high CD38 expression, marking recent thymic emigrants and age-related naive T cell remodeling. Immunity, 57(10), 2362.

Becker AMD, et al. (2024) Inhibition of CSF-1R and IL-6R prevents conversion of cDC2s into immune incompetent tumor-induced DC3s boosting DC-driven therapy potential. Cell reports. Medicine, 5(2), 101386.

Wang B, et al. (2023) SATB1 regulates 3D genome architecture in T cells by constraining chromatin interactions surrounding CTCF-binding sites. Cell reports, 42(4), 112323.

Blomberg OS, et al. (2023) IL-5-producing CD4+ T cells and eosinophils cooperate to enhance response to immune checkpoint blockade in breast cancer. Cancer cell, 41(1), 106.

Terekhova M, et al. (2023) Single-cell atlas of healthy human blood unveils age-related loss of NKG2C+GZMB-CD8+ memory T cells and accumulation of type 2 memory T cells. Immunity, 56(12), 2836.

Vietzen H, et al. (2023) Ineffective control of Epstein-Barr-virus-induced autoimmunity increases the risk for multiple sclerosis. Cell, 186(26), 5705.

Massenet-Regad L, et al. (2023) Large-scale analysis of cell-cell communication reveals angiogenin-dependent tumor progression in clear cell renal cell carcinoma. iScience, 26(12), 108367.

Kim ML, et al. (2021) Hydroxychloroquine inhibits the mitochondrial antioxidant system in activated T cells. iScience, 24(12), 103509.

Chong WP, et al. (2020) The Cytokine IL-17A Limits Th17 Pathogenicity via a Negative Feedback Loop Driven by Autocrine Induction of IL-24. Immunity, 53(2), 384.

Wang W, et al. (2019) Type I Interferon Therapy Limits CNS Autoimmunity by Inhibiting CXCR3-Mediated Trafficking of Pathogenic Effector T Cells. Cell reports, 28(2), 486.

Du H, et al. (2019) Antitumor Responses in the Absence of Toxicity in Solid Tumors by Targeting B7-H3 via Chimeric Antigen Receptor T Cells. Cancer cell, 35(2), 221.

Pollack RA, et al. (2017) Defective HIV-1 Proviruses Are Expressed and Can Be Recognized by Cytotoxic T Lymphocytes, which Shape the Proviral Landscape. Cell host & microbe, 21(4), 494.