

Resource Summary Report

Generated by [NIF](#) on Sep 15, 2026

CD4

RRID:AB_2738140

Type: Antibody

Proper Citation

BD Biosciences Cat# 563331, RRID:AB_2738140

Antibody Information

URL: http://antibodyregistry.org/AB_2738140

Proper Citation: BD Biosciences Cat# 563331, RRID:AB_2738140

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: GK1.5

Antibody ID: AB_2738140

Vendor: BD Biosciences

Catalog Number: 563331

Record Creation Time: 20231110T033528+0000

Record Last Update: 20260829T050502+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 13 mentions in open access literature.

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

Won HY, et al. (2026) Type I IFN-controlled Qa-2 expression identifies and maps the generation of Eomes+ thymic innate CD8 T cells. *iScience*, 29(7), 116530.

Munoz MA, et al. (2026) NK cell dysfunction and interferon- γ production underlie autoinflammation in mevalonate kinase deficiency. *Immunity*, 59(6), 1726.

Guleed S, et al. (2026) CD8+ T cell responses recognizing immunodominant Chlamydia antigens fail to protect against infection. *iScience*, 29(4), 115242.

Bündgen G, et al. (2025) Polyamines regulate adaptive antitumor immunity by functional specialization of regulatory T cells. *Immunity*, 58(8), 2019.

Cao S, et al. (2024) Glycosylation-modified antigens as a tolerance-inducing vaccine platform prevent anaphylaxis in a pre-clinical model of food allergy. *Cell reports. Medicine*, 5(1), 101346.

Alexander M, et al. (2024) A diet-dependent host metabolite shapes the gut microbiota to protect from autoimmunity. *Cell reports*, 43(11), 114891.

Liao K, et al. (2024) Critical roles of the miR-17-92 family in thymocyte development, leukemogenesis, and autoimmunity. *Cell reports*, 43(6), 114261.

Masle-Farquhar E, et al. (2022) STAT3 gain-of-function mutations connect leukemia with autoimmune disease by pathological NKG2Dhi CD8+ T cell dysregulation and accumulation. *Immunity*, 55(12), 2386.

Tilsed CM, et al. (2022) CD4+ T cells drive an inflammatory, TNF- α /IFN-rich tumor microenvironment responsive to chemotherapy. *Cell reports*, 41(13), 111874.

Xu K, et al. (2021) Glycolytic ATP fuels phosphoinositide 3-kinase signaling to support effector T helper 17 cell responses. *Immunity*, 54(5), 976.

Prosser A, et al. (2021) Dynamic changes to tissue-resident immunity after MHC-matched and MHC-mismatched solid organ transplantation. *Cell reports*, 35(7), 109141.

Prosser A, et al. (2021) Flow cytometric characterization of tissue-resident lymphocytes after murine liver and heart transplantation. *STAR protocols*, 2(4), 100810.

Nadafi R, et al. (2020) Lymph Node Stromal Cells Generate Antigen-Specific Regulatory T Cells and Control Autoreactive T and B Cell Responses. *Cell reports*, 30(12), 4110.