

Resource Summary Report

Generated by [nidm-terms](#) on Aug 11, 2026

CD4

RRID:AB_2739312

Type: Antibody

Proper Citation

BD Biosciences Cat# 565634, RRID:AB_2739312

Antibody Information

URL: http://antibodyregistry.org/AB_2739312

Proper Citation: BD Biosciences Cat# 565634, RRID:AB_2739312

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry, Immunofluorescence

Antibody Name: CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: RM4-5

Antibody ID: AB_2739312

Vendor: BD Biosciences

Catalog Number: 565634

Record Creation Time: 20250820T041054+0000

Record Last Update: 20250820T181555+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 10 mentions in open access literature.

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

Geng S, et al. (2026) Krüppel-like factor 2 programs early exhausted T cell states and restrains antiviral immunity. *Immunity*, 59(5), 1306.

Hasegawa M, et al. (2026) Tolerance to extracellular acidic pH facilitates tumor plasticity. *Cell reports*, 117226.

Li S, et al. (2025) Protocol for multiplex immunofluorescence imaging of mouse intestinal tumors. *STAR protocols*, 6(2), 103776.

Kwok T, et al. (2025) Macrophage repolarization by immune checkpoint blockade drives T cell engagement in the tumor microenvironment. *iScience*, 28(10), 113538.

You S, et al. (2024) Lymphatic-localized Treg-mregDC crosstalk limits antigen trafficking and restrains anti-tumor immunity. *Cancer cell*, 42(8), 1415.

Franzolin G, et al. (2024) PlexinB1 Inactivation Reprograms Immune Cells in the Tumor Microenvironment, Inhibiting Breast Cancer Growth and Metastatic Dissemination. *Cancer immunology research*, 12(9), 1286.

Mitchell JS, et al. (2024) CD4+ T cells reactive to a hybrid peptide from insulin-chromogranin A adopt a distinct effector fate and are pathogenic in autoimmune diabetes. *Immunity*, 57(10), 2399.

DiPiazza AT, et al. (2021) COVID-19 vaccine mRNA-1273 elicits a protective immune profile in mice that is not associated with vaccine-enhanced disease upon SARS-CoV-2 challenge. *Immunity*, 54(8), 1869.

Fox A, et al. (2020) Acquisition of High-Quality Spectral Flow Cytometry Data. *Current protocols in cytometry*, 93(1), e74.

Baptista AP, et al. (2019) The Chemoattractant Receptor Ebi2 Drives Intranodal Naive CD4+ T Cell Peripheralization to Promote Effective Adaptive Immunity. *Immunity*, 50(5), 1188.