

Resource Summary Report

Generated by [dkNET](#) on Sep 19, 2026

CD4

RRID:AB_2744427

Type: Antibody

Proper Citation

BD Biosciences Cat# 566407, RRID:AB_2744427

Antibody Information

URL: http://antibodyregistry.org/AB_2744427

Proper Citation: BD Biosciences Cat# 566407, RRID:AB_2744427

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: RM4-5

Antibody ID: AB_2744427

Vendor: BD Biosciences

Catalog Number: 566407

Alternative Catalog Numbers: 566408

Record Creation Time: 20231110T033442+0000

Record Last Update: 20260829T135039+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 11 mentions in open access literature.

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

Zheng X, et al. (2026) Hyocholic acids shape neonatal immune tolerance and microbiota assembly. Cell metabolism.

Garg SK, et al. (2026) Potentiating dendritic cell immunotherapy by interrupting the Semaphorin 4D-induced immune-suppressive barrier. Cell reports, 45(3), 117050.

Zhu B, et al. (2025) Maternal vitamin D regulates the metabolic rearrangement of offspring CD4+ T cells in response to intestinal inflammation. Cell reports, 44(6), 115857.

Zheng Z, et al. (2025) Gut Microbiota-Mediated Bile Acid Metabolism Regulates Colorectal Cancer Liver Metastasis by Altering Neutrophil Recruitment. Cancer research, 85(21), 4081.

Sanchez-Moral L, et al. (2023) Macrophage CD5L is a target for cancer immunotherapy. EBioMedicine, 91, 104555.

McClory SE, et al. (2023) The pseudokinase Trib1 regulates the transition of exhausted T cells to a KLR+ CD8+ effector state, and its deletion improves checkpoint blockade. Cell reports, 42(8), 112905.

Cui H, et al. (2023) STAT3 promotes differentiation of monocytes to MDSCs via CD39/CD73-adenosine signal pathway in oral squamous cell carcinoma. Cancer immunology, immunotherapy : CII, 72(5), 1315.

Kim E, et al. (2022) Maternal gut bacteria drive intestinal inflammation in offspring with neurodevelopmental disorders by altering the chromatin landscape of CD4+ T cells. Immunity, 55(1), 145.

Liu H, et al. (2022) Optimal target saturation of ligand-blocking anti-GITR antibody IBI37G5 dictates FcγR-independent GITR agonism and antitumor activity. Cell reports. Medicine, 3(6), 100660.

Kim E, et al. (2022) Isolation and analyses of lamina propria lymphocytes from mouse intestines. STAR protocols, 3(2), 101366.

Kim SH, et al. (2021) Complement C5a promotes antigen cross-presentation by Peyer's patch monocyte-derived dendritic cells and drives a protective CD8+ T cell response. Cell

reports, 35(2), 108995.