

Resource Summary Report

Generated by ASWG on Aug 11, 2026

PE-CF594 Rat Anti-Mouse CD4 Clone RM4-5

RRID:AB_11154410

Type: Antibody

Proper Citation

BD Biosciences Cat# 562285, RRID:AB_11154410

Antibody Information

URL: http://antibodyregistry.org/AB_11154410

Proper Citation: BD Biosciences Cat# 562285, RRID:AB_11154410

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: PE-CF594 Rat Anti-Mouse CD4 Clone RM4-5

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: RM4-5

Antibody ID: AB_11154410

Vendor: BD Biosciences

Catalog Number: 562285

Record Creation Time: 20250819T212134+0000

Record Last Update: 20250819T224148+0000

Ratings and Alerts

No rating or validation information has been found for PE-CF594 Rat Anti-Mouse CD4 Clone RM4-5.

No alerts have been found for PE-CF594 Rat Anti-Mouse CD4 Clone RM4-5.

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 [ASWG](#) .

Bednarz A, et al. (2025) Cobalt protoporphyrin IX induces transient, dose- and time-dependent granulocyte mobilization with mild metabolic effects in mice. Pharmacological reports : PR, 77(5), 1295.

Makris S, et al. (2025) Lymph node fibroblast phenotypes and immune crosstalk regulated by podoplanin activity. Cell reports, 44(7), 115908.

Kaufmann U, et al. (2025) Transcription factor Zfx regulates tumor's evasion to T cell killing in immunotherapy. iScience, 28(11), 113842.

Chandra V, et al. (2024) Gut epithelial Interleukin-17 receptor A signaling can modulate distant tumors growth through microbial regulation. Cancer cell, 42(1), 85.

Montgomery AB, et al. (2023) Tissue-resident, extravascular Ly6c- monocytes are critical for inflammation in the synovium. Cell reports, 42(5), 112513.

Pelletier J, et al. (2023) Niche-expressed Galectin-1 is involved in pre-B acute lymphoblastic leukemia relapse through pre-B cell receptor activation. iScience, 26(4), 106385.

Millard SM, et al. (2021) Fragmentation of tissue-resident macrophages during isolation confounds analysis of single-cell preparations from mouse hematopoietic tissues. Cell reports, 37(8), 110058.

Cui C, et al. (2021) Neoantigen-driven B cell and CD4 T follicular helper cell collaboration promotes anti-tumor CD8 T cell responses. Cell, 184(25), 6101.

Sakamoto K, et al. (2021) Disruption of the endopeptidase ADAM10-Notch signaling axis leads to skin dysbiosis and innate lymphoid cell-mediated hair follicle destruction. Immunity, 54(10), 2321.

Dammeijer F, et al. (2020) The PD-1/PD-L1-Checkpoint Restrains T cell Immunity in Tumor-Draining Lymph Nodes. Cancer cell, 38(5), 685.

Chung L, et al. (2018) Bacteroides fragilis Toxin Coordinates a Pro-carcinogenic Inflammatory Cascade via Targeting of Colonic Epithelial Cells. Cell host & microbe, 23(2), 203.