Resource Summary Report

Generated by ASWG on Aug 15, 2026

APC anti-mouse CD4

RRID:AB_312718
Type: Antibody

Proper Citation

BioLegend Cat# 100515, RRID:AB_312718

Antibody Information

URL: http://antibodyregistry.org/AB_312718

Proper Citation: BioLegend Cat# 100515, RRID:AB_312718

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: APC anti-mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone RM4-5

Antibody ID: AB_312718

Vendor: BioLegend

Catalog Number: 100515

Alternative Catalog Numbers: 100516

Record Creation Time: 20250819T213944+0000

Record Last Update: 20250819T234117+0000

Ratings and Alerts

No rating or validation information has been found for APC anti-mouse CD4.

No alerts have been found for APC anti-mouse CD4.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at ASWG .

Mochizuki-Ono C, et al. (2026) PLA2G12A-driven extracellular vesicle-lipid signaling amplifies pathogenic T cell responses in inflammatory diseases. Cell reports, 45(6), 117391.

Morrison TA, et al. (2025) Selective requirement of glycosphingolipid synthesis for natural killer and cytotoxic T cells. Cell, 188(13), 3497.

Zhou X, et al. (2025) SLC6A8-mediated creatine uptake suppresses ERK2-FSP1 signaling and induces ferroptosis in colorectal cancer. Cell reports, 44(9), 116139.

Äijö T, et al. (2025) Assessing the impact of TET2 and TET3 deletion in TCRalpha and TCRbeta repertoire in murine CD4 T cells in physiological and pathophysiological conditions. Frontiers in immunology, 16, 1638500.

Revilla SA, et al. (2025) Impact of 3D cell culture hydrogels derived from basement membrane extracts or nanofibrillar cellulose on CAR-T cell activation. iScience, 28(9), 113234.

Li C, et al. (2025) Liver-breast communication of adipocyte-oriented exosomes drives primary mammary cancer progression. Cell metabolism.

Mucciolo G, et al. (2024) EGFR-activated myofibroblasts promote metastasis of pancreatic cancer. Cancer cell, 42(1), 101.

Horikawa I, et al. (2024) Chronic stress alters lipid mediator profiles associated with immune-related gene expressions and cell compositions in mouse bone marrow and spleen. Journal of pharmacological sciences, 154(4), 279.

Wu M, et al. (2024) ZDHHC3-mediated SCAP S-acylation promotes cholesterol biosynthesis and tumor immune escape in hepatocellular carcinoma. Cell reports, 43(11), 114962.

Fontana P, et al. (2024) Small-molecule GSDMD agonism in tumors stimulates antitumor immunity without toxicity. Cell, 187(22), 6165.

Chen L, et al. (2024) Palmitoylation alters LDHA activity and pancreatic cancer response to chemotherapy. Cancer letters, 587, 216696.

Elshikha AS, et al. (2023) Pharmacologic inhibition of glycolysis prevents the development of lupus by altering the gut microbiome in mice. iScience, 26(7), 107122.

Srivastava P, et al. (2023) Peripheral MC1R Activation Modulates Immune Responses and is Neuroprotective in a Mouse Model of Parkinson's Disease. Journal of neuroimmune pharmacology : the official journal of the Society on NeuroImmune Pharmacology, 18(4), 704.

Mortales C, et al. (2023) NL-201 Upregulates MHC-I Expression and Intratumoral T-cell Receptor Diversity, and Demonstrates Robust Antitumor Activity as Monotherapy and in Combination with PD-1 Blockade. Cancer immunology research, 11(7), 1000.

Mudalagiriyappa S, et al. (2022) GM-CSF+ Tc17 cells are required to bolster vaccine immunity against lethal fungal pneumonia without causing overt pathology. Cell reports, 41(4), 111543.

Li Y, et al. (2022) Histone methylation antagonism drives tumor immune evasion in squamous cell carcinomas. Molecular cell, 82(20), 3901.

Wang W, et al. (2022) Mobilizing phospholipids on tumor plasma membrane implicates phosphatidylserine externalization blockade for cancer immunotherapy. Cell reports, 41(5), 111582.

Nahrendorf W, et al. (2021) Inducible mechanisms of disease tolerance provide an alternative strategy of acquired immunity to malaria. eLife, 10.

Imanishi T, et al. (2020) mTORC1 Signaling Controls TLR2-Mediated T-Cell Activation by Inducing TIRAP Expression. Cell reports, 32(3), 107911.

Uchil PD, et al. (2019) A Protective Role for the Lectin CD169/Siglec-1 against a Pathogenic Murine Retrovirus. Cell host & microbe, 25(1), 87.