Resource Summary Report

Generated by ASWG on Aug 10, 2026

PE anti-mouse CD4

RRID:AB_312715
Type: Antibody

Proper Citation

BioLegend Cat# 100512, RRID:AB_312715

Antibody Information

URL: http://antibodyregistry.org/AB_312715

Proper Citation: BioLegend Cat# 100512, RRID:AB_312715

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE anti-mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone RM4-5

Antibody ID: AB_312715

Vendor: BioLegend

Catalog Number: 100512

Alternative Catalog Numbers: 100511

Record Creation Time: 20250820T022937+0000

Record Last Update: 20250820T134403+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 38 mentions in open access literature.

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

Murakami R, et al. (2026) Foxp3 and BATF cooperatively direct cis-regulatory programs and gene expression for effector Treg cell differentiation. Immunity, 59(5), 1253.

Lee D, et al. (2026) Interleukin-4-producing type 2 innate lymphoid cells in the lymph node promote proallergic Tfh13 cell differentiation. Immunity, 59(7), 1860.

Lu T, et al. (2026) Dysplastic epithelial repair promotes the tissue residence of lymphocytes to inhibit alveolar regeneration post viral infection. Cell stem cell, 33(1), 108.

Guo J, et al. (2026) VSIG4 Restricts Hepatocellular Carcinoma Control by Suppressing Tumor-Specific CD8+ T-cell Immunity in the Tumor Microenvironment. Cancer immunology research, 14(5), 718.

Sugiura A, et al. (2026) Tissue and CD4 T cell subset dependence on the amino acid transporter SLC38A1. Cell metabolism, 38(4), 712.

Zhang T, et al. (2026) Chemically Engineered L. reuteri Delivering ??PD-L1 and Gallium Ions via Metal-Phenolic Networks Potentiate Anti-Tumor Immunity and Ferroptosis. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(31), e21638.

Zhao J, et al. (2026) Reprogramming bacterial energetics reverses lactate-mediated immunosuppression for synergistic cancer immunotherapy. Trends in biotechnology.

Cohen JA, et al. (2025) KMT2D coordinates antiviral CD4+ T cell responses through opposing effects on T follicular helper and cytotoxic gene expression. Cell reports, 44(6), 115775.

Kusuma B, et al. (2025) Depletion of myeloid cells in AG129 mice reduces the infection-mediated oxidative stress and restrains dengue virus-induced thymic atrophy. Cell communication and signaling : CCS, 24(1), 20.

Zhou K, et al. (2025) M1-like macrophages regulate T cell infiltration in colorectal cancer through P2X4 receptor. iScience, 28(10), 113517.

Zhu YP, et al. (2025) TNFSF15 alleviates myeloid-derived suppressor cell-mediated cancer immunosuppression in mice. Acta pharmacologica Sinica.

Jiang Y, et al. (2025) Ligand-induced ubiquitination unleashes LAG3 immune checkpoint function by hindering membrane sequestration of signaling motifs. Cell, 188(9), 2354.

Zhou RW, et al. (2025) Safe immunosuppression-resistant pan-cancer immunotherapeutics by velcro-like density-dependent targeting of tumor-associated carbohydrate antigens. Cell.

Du J, et al. (2025) Proximity between LAG-3 and the T cell receptor guides suppression of T cell activation and autoimmunity. Cell, 188(15), 4025.

Broderick C, et al. (2025) A RAS(ON) Multi-Selective Inhibitor Combination Therapy Triggers Long-term Tumor Control through Senescence-Associated Tumor-Immune Equilibrium in Pancreatic Ductal Adenocarcinoma. Cancer discovery, 15(8), 1717.

Wang Y, et al. (2024) A pan-family screen of nuclear receptors in immunocytes reveals ligand-dependent inflammasome control. Immunity, 57(12), 2737.

Rebeck ON, et al. (2024) A yeast-based oral therapeutic delivers immune checkpoint inhibitors to reduce intestinal tumor burden. Cell chemical biology.

Nagai M, et al. (2024) Sugar and arginine facilitate oral tolerance by ensuring the functionality of tolerogenic immune cell subsets in the intestine. Cell reports, 43(7), 114490.

Huang J, et al. (2023) SLFN5-mediated chromatin dynamics sculpt higher-order DNA repair topology. Molecular cell, 83(7), 1043.

Duan J, et al. (2023) Endoplasmic reticulum stress in the intestinal epithelium initiates purine metabolite synthesis and promotes Th17 cell differentiation in the gut. Immunity, 56(5), 1115.