

Resource Summary Report

Generated by ASWG on Aug 10, 2026

APC anti-mouse CD4

RRID:AB_312719

Type: Antibody

Proper Citation

BioLegend Cat# 100516, RRID:AB_312719

Antibody Information

URL: http://antibodyregistry.org/AB_312719

Proper Citation: BioLegend Cat# 100516, RRID:AB_312719

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_312719

Vendor: BioLegend

Catalog Number: 100516

Alternative Catalog Numbers: 100515

Record Creation Time: 20250819T231823+0000

Record Last Update: 20250820T045608+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 51 mentions in open access literature.

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

Lin SC, et al. (2026) MyD88 signaling in myeloid cells induces gastrointestinal tract injury and systemic inflammation after West Nile virus infection. *Cell reports*, 45(1), 116852.

Meitei HT, et al. (2026) CCL20-CCR6 signaling alters the metabolic reprogramming to promote the pathogenic Th17 cell differentiation. *iScience*, 29(1), 114385.

Taguchi S, et al. (2026) Induced pluripotent stem cell-derived dendritic cells potentiate the efficacy of interleukin-12-expressing oncolytic HSV-1. *Molecular therapy. Oncology*, 34(2), 201252.

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.

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.

Mayerhofer C, et al. (2025) OGFOD1 enables AML chemo- and nutrient stress resistance by regulating protein synthesis. *Cell metabolism*.

Lloyd EG, et al. (2025) SMAD4 and KRAS Status Shapes Cancer Cell-Stromal Cross-Talk and Therapeutic Response in Pancreatic Cancer. *Cancer research*, 85(8), 1368.

Peeters JGC, et al. (2024) Hyperactivating EZH2 to augment H3K27me3 levels in regulatory T cells enhances immune suppression by driving early effector differentiation. *Cell reports*, 43(9), 114724.

Park CS, et al. (2024) Fam49b dampens TCR signal strength to regulate survival of positively selected thymocytes and peripheral T cells. *eLife*, 13.

Chen S, et al. (2024) Application of a bespoke monoclonal antibody panel to characterize immune cell populations in cave nectar bats. *Cell reports*, 43(9), 114703.

Simon M, et al. (2024) Single-cell chromatin accessibility and transposable element landscapes reveal shared features of tissue-residing immune cells. *Immunity*, 57(8), 1975.

Leuzzi G, et al. (2024) SMARCAL1 is a dual regulator of innate immune signaling and PD-L1 expression that promotes tumor immune evasion. *Cell*, 187(4), 861.

Wang L, et al. (2024) Engineering an energy-dissipating hybrid tissue in vivo for obesity treatment. *Cell reports*, 43(7), 114425.

Eggert J, et al. (2024) Cbl-b mitigates the responsiveness of naive CD8⁺ T cells that experience extensive tonic T cell receptor signaling. *Science signaling*, 17(822), eadh0439.

Fang Q, et al. (2024) Gingival-derived mesenchymal stem cells alleviate allergic asthma inflammation via HGF in animal models. *iScience*, 27(5), 109818.

Xie MM, et al. (2023) An agonistic anti-signal regulatory protein ? antibody for chronic inflammatory diseases. *Cell reports. Medicine*, 4(8), 101130.

Sadasivam M, et al. (2023) Renal tubular epithelial cells are constitutive non-cognate stimulators of resident T cells. *Cell reports*, 42(10), 113210.

Harbour JC, et al. (2023) T helper 1 effector memory CD4⁺ T cells protect the skin from poxvirus infection. *Cell reports*, 42(5), 112407.

Tibbs TN, et al. (2023) Mice with FVB-derived sequence on chromosome 17 succumb to disseminated virus infection due to aberrant NK cell and T cell responses. *iScience*, 26(11), 108348.

Yao H, et al. (2023) A MYC-controlled redox switch protects B lymphoma cells from EGR1-dependent apoptosis. *Cell reports*, 42(8), 112961.