# Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 6, 2025

## 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:** 20231110T045028+0000

**Record Last Update:** 20241115T030303+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 42 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.


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.

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

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.

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.

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.

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

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.

Zhu M, et al. (2023) Loss of p53 and mutational heterogeneity drives immune resistance in an autochthonous mouse lung cancer model with high tumor mutational burden. Cancer cell, 41(10), 1731.

Gong M, et al. (2023) Transcriptional and metabolic programs promote the expansion of follicular helper T cells in lupus-prone mice. iScience, 26(5), 106774.

Côrte-Real BF, et al. (2023) Sodium perturbs mitochondrial respiration and induces dysfunctional Tregs. Cell metabolism, 35(2), 299.

Neeli P, et al. (2023) Comparison of DNA vaccines with AS03 as an adjuvant and an mRNA vaccine against SARS-CoV-2. iScience, 26(7), 107120.

Fujie R, et al. (2023) Endogenous CCL21-Ser deficiency reduces B16-F10 melanoma growth by enhanced antitumor immunity. Heliyon, 9(8), e19215.

Chandra A, et al. (2023) Quantitative control of Ets1 dosage by a multi-enhancer hub promotes Th1 cell differentiation and protects from allergic inflammation. Immunity, 56(7), 1451.

Okano M, et al. (2022) Interleukin-33-activated neuropeptide CGRP-producing memory Th2 cells cooperate with somatosensory neurons to induce conjunctival itch. Immunity, 55(12), 2352.

Liu H, et al. (2022) KDM5A Inhibits Antitumor Immune Responses Through Downregulation of the Antigen-Presentation Pathway in Ovarian Cancer. Cancer immunology research, 10(8), 1028.

Yu Y, et al. (2022) Glucose promotes regulatory T cell differentiation to maintain intestinal homeostasis. iScience, 25(9), 105004.