

Resource Summary Report

Generated by ASWG on Aug 9, 2026

APC anti-mouse CD4

RRID:AB_312697

Type: Antibody

Proper Citation

BioLegend Cat# 100412, RRID:AB_312697

Antibody Information

URL: http://antibodyregistry.org/AB_312697

Proper Citation: BioLegend Cat# 100412, RRID:AB_312697

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 GK1.5

Antibody ID: AB_312697

Vendor: BioLegend

Catalog Number: 100412

Alternative Catalog Numbers: 100411

Record Creation Time: 20250820T003623+0000

Record Last Update: 20250820T084321+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 109 mentions in open access literature.

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

Maeda Y, et al. (2026) Mucosal innate immune activation as the trigger to Prevotella species-induced arthritis in genetically resistant mice. Cell reports, 45(1), 116755.

Thurimella K, et al. (2026) Identifying microbial protease allergens through protein language model-guided homology. Cell systems, 17(3), 101510.

Zhang Z, et al. (2026) Hematopoietic stem cells activate a latent differentiation pathway to facilitate recovery after 5-fluorouracil-induced myeloablation. Developmental cell, 61(5), 1044.

Pei Z, et al. (2026) STAT3 interference-driven nanomodulators reverse lipid metabolism-associated chemoresistance and potentiate metalloimmunotherapy in breast cancer. Cell reports. Medicine, 7(6), 102844.

Kim EY, et al. (2026) Systemic immunometabolic profiling classifies cisplatin sensitivity states using interpretable machine learning. iScience, 29(3), 115037.

Yan X, et al. (2026) Activation of T Cell-Intrinsic p53 by Acetylation Elicits Antitumor Immunity to Boost Cancer Immunotherapy. Cancer discovery, 16(1), 155.

Jiang N, et al. (2026) Dual-targeted microspheres reshape the metabolic-immune microenvironment to reverse post-embolization dilemmas in hepatocellular carcinoma. Cell reports. Medicine, 7(5), 102748.

Yang W, et al. (2026) pH-regulating Lipiodol Pickering emulsions enhance transarterial embolization therapy via inducing ferroptosis and activating antitumor immunity. Cell reports. Medicine, 7(3), 102662.

Yang N, et al. (2026) Pan-cancer macrophage atlas uncovers that MHC-IIhigh TAMs induce Treg activation through physical interactions. Cell reports, 45(4), 117230.

Ling H, et al. (2026) An inhalable microbe-oncolytic virus consortium for lung cancer treatment. Cell reports. Medicine, 7(5), 102771.

Zhang H, et al. (2026) Genetic ablation of Sfxn5 induces mitochondrial dysfunction and precipitates lethal metabolic crisis in mice. iScience, 29(7), 116468.

Navarro Negredo P, et al. (2026) Targeting immune cells in the aged brain reveals that engineered cytokine IL-10 enhances neurogenesis and improves cognition. *Immunity*, 59(2), 458.

Ye K, et al. (2026) Direct interaction of V α 7 TCRs with IL17RA drives the differentiation of TH1-like $\gamma\delta$ T cells. *Science (New York, N.Y.)*, 393(6808), eadx9264.

Wang C, et al. (2025) Gut microbe-derived metabolites drive psoriatic inflammation via modulation of skin Th17 cells. *Immunity*, 58(9), 2241.

Qin T, et al. (2025) Treg-microglia partnership in the injured spinal cord preserves Treg cell function and regulates microglial cholesterol metabolism. *Neuron*.

Henriques-Oliveira L, et al. (2025) Anchored screening identifies transcription factor blueprints underlying dendritic cell diversity and subset-specific anti-tumor immunity. *Immunity*.

Wu J, et al. (2025) Vitamin B6 preserves the stemness-like phenotypes and antitumor ability of CD8⁺ T cells. *Developmental cell*.

Gu C, et al. (2025) An innovative engineered IL-10 monomer strengthens T cell-mediated anti-tumor responses through anti-PD-1 cis-delivery. *Cell reports. Medicine*, 102515.

Fonseca-Pereira D, et al. (2025) The metabolic sensor LKB1 regulates ILC3 homeostasis and mitochondrial function. *Cell reports*, 44(4), 115456.

Chen L, et al. (2025) CD94/NKG2A-Qa-1b axis as a key modulator of vaccine responsiveness in aging populations. *Cell reports*, 44(11), 116514.