

Resource Summary Report

Generated by ASWG on Aug 9, 2026

Purified anti-mouse CD4

RRID:AB_312709

Type: Antibody

Proper Citation

BioLegend Cat# 100506, RRID:AB_312709

Antibody Information

URL: http://antibodyregistry.org/AB_312709

Proper Citation: BioLegend Cat# 100506, RRID:AB_312709

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC, CyTOF®, IHC-F, IHC

Antibody Name: Purified anti-mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone RM4-5

Antibody ID: AB_312709

Vendor: BioLegend

Catalog Number: 100506

Alternative Catalog Numbers: 100505

Record Creation Time: 20250820T022248+0000

Record Last Update: 20250820T132607+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

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.

Yang Z, et al. (2026) Syndecan-1-targeted therapeutic antibody impairs macropinocytosis and elicits antitumor immunity in pancreatic cancer. *Cell reports. Medicine*, 7(2), 102613.

Dhariwala MO, et al. (2026) Commensal-myeloid crosstalk in neonatal skin regulates interleukin-1 signaling and cutaneous type 17 inflammation. *Immunity*, 59(2), 403.

Zhao Z, et al. (2025) Sick cell disease induces chromatin introversion and ferroptosis in CD8+ T cells to suppress anti-tumor immunity. *Immunity*, 58(6), 1484.

Even Z, et al. (2024) The amalgam of naive CD4+ T cell transcriptional states is reconfigured by helminth infection to dampen the amplitude of the immune response. *Immunity*, 57(8), 1893.

Canella A, et al. (2023) Genetically modified IL2 bone-marrow-derived myeloid cells reprogram the glioma immunosuppressive tumor microenvironment. *Cell reports*, 42(8), 112891.

Cautivo KM, et al. (2022) Interferon gamma constrains type 2 lymphocyte niche boundaries during mixed inflammation. *Immunity*, 55(2), 254.

Hailemichael Y, et al. (2022) Interleukin-6 blockade abrogates immunotherapy toxicity and promotes tumor immunity. *Cancer cell*, 40(5), 509.

Nguyen N, et al. (2022) Recruitment of MLL1 complex is essential for SETBP1 to induce myeloid transformation. *iScience*, 25(1), 103679.

Li H, et al. (2022) The allergy mediator histamine confers resistance to immunotherapy in cancer patients via activation of the macrophage histamine receptor H1. *Cancer cell*, 40(1), 36.

Plumlee CR, et al. (2021) Ultra-low Dose Aerosol Infection of Mice with *Mycobacterium tuberculosis* More Closely Models Human Tuberculosis. *Cell host & microbe*, 29(1), 68.

Gern BH, et al. (2021) TGF β restricts expansion, survival, and function of T cells within the tuberculous granuloma. *Cell host & microbe*, 29(4), 594.

Jiao S, et al. (2019) Differences in Tumor Microenvironment Dictate T Helper Lineage Polarization and Response to Immune Checkpoint Therapy. *Cell*, 179(5), 1177.

Snell LM, et al. (2018) CD8 $^{+}$ T Cell Priming in Established Chronic Viral Infection Preferentially Directs Differentiation of Memory-like Cells for Sustained Immunity. *Immunity*, 49(4), 678.

Kälin S, et al. (2017) A Stat6/Pten Axis Links Regulatory T Cells with Adipose Tissue Function. *Cell metabolism*, 26(3), 475.