

Resource Summary Report

Generated by [nidm-terms](#) on Aug 10, 2026

Purified anti-mouse CD4

RRID:AB_312686

Type: Antibody

Proper Citation

BioLegend Cat# 100401, RRID:AB_312686

Antibody Information

URL: http://antibodyregistry.org/AB_312686

Proper Citation: BioLegend Cat# 100401, RRID:AB_312686

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC, IHC-F, ICC, IP, Costim, Block, Depletion

Antibody Name: Purified anti-mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone GK1.5

Antibody ID: AB_312686

Vendor: BioLegend

Catalog Number: 100401

Alternative Catalog Numbers: 100402

Record Creation Time: 20250819T223050+0000

Record Last Update: 20250820T022541+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 10 mentions in open access literature.

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

Liu T, et al. (2026) A local sympathetic-immune axis inhibits melanoma growth in mice by dictating adrenergic control. *Neuron*, 114(9), 1576.

Wilski-Cronin NA, et al. (2026) Pyroptosis Modulates Multiple Immune Cell Populations in Targeted Therapy-Treated Melanoma. *Cancer immunology research*, 14(3), 374.

Salazar FB, et al. (2025) Reengineered Anti-CD4 Cys-diabody Variants for 89Zr-immunoPET of CD4+ T Cells in Immunocompetent Mice. *Molecular imaging and biology*.

Poscablo DM, et al. (2024) An age-progressive platelet differentiation path from hematopoietic stem cells causes exacerbated thrombosis. *Cell*, 187(12), 3090.

Wang XF, et al. (2024) The liver and muscle secreted HFE2-protein maintains central nervous system blood vessel integrity. *Nature communications*, 15(1), 1037.

Goldberger Z, et al. (2023) Membrane-localized neoantigens predict the efficacy of cancer immunotherapy. *Cell reports. Medicine*, 4(8), 101145.

De Ponte Conti B, et al. (2021) mTOR-dependent translation drives tumor infiltrating CD8+ effector and CD4+ Treg cells expansion. *eLife*, 10.

Bennion BG, et al. (2020) STING Gain-of-Function Disrupts Lymph Node Organogenesis and Innate Lymphoid Cell Development in Mice. *Cell reports*, 31(11), 107771.

Rosenberg J, et al. (2020) Lattice Light-Sheet Microscopy Multi-dimensional Analyses (LaMDA) of T-Cell Receptor Dynamics Predict T-Cell Signaling States. *Cell systems*, 10(5), 433.

Shimokawa C, et al. (2017) Mast Cells Are Crucial for Induction of Group 2 Innate Lymphoid Cells and Clearance of Helminth Infections. *Immunity*, 46(5), 863.