

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 4, 2025

Alexa Fluor(R) 700 anti-mouse CD4

RRID:AB_493699

Type: Antibody

Proper Citation

(BioLegend Cat# 100430, RRID:AB_493699)

Antibody Information

URL: http://antibodyregistry.org/AB_493699

Proper Citation: (BioLegend Cat# 100430, RRID:AB_493699)

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Alexa Fluor(R) 700 anti-mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone GK1.5

Antibody ID: AB_493699

Vendor: BioLegend

Catalog Number: 100430

Alternative Catalog Numbers: 100429

Record Creation Time: 20231110T044338+0000

Record Last Update: 20241115T002509+0000

Ratings and Alerts

No rating or validation information has been found for Alexa Fluor(R) 700 anti-mouse CD4.

No alerts have been found for Alexa Fluor(R) 700 anti-mouse CD4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Faliti CE, et al. (2024) Interleukin-2-secreting T helper cells promote extra-follicular B cell maturation via intrinsic regulation of a B cell mTOR-AKT-Blimp-1 axis. *Immunity*, 57(12), 2772.

Fang Q, et al. (2024) Development of a PCSK9-targeted nanoparticle vaccine to effectively decrease the hypercholesterolemia. *Cell reports. Medicine*, 5(6), 101614.

Li Y, et al. (2024) IGSF8 is an innate immune checkpoint and cancer immunotherapy target. *Cell*, 187(11), 2703.

Gurram RK, et al. (2023) Crosstalk between ILC2s and Th2 cells varies among mouse models. *Cell reports*, 42(2), 112073.

Martin MD, et al. (2023) CD115+ monocytes protect microbially experienced mice against *E. coli*-induced sepsis. *Cell reports*, 42(11).

Yadav N, et al. (2023) More time to kill: A longer liver stage increases T cell-mediated protection against pre-erythrocytic malaria. *iScience*, 26(12), 108489.

Lee JH, et al. (2022) Highly mutated antibodies capable of neutralizing N276 glycan-deficient HIV after a single immunization with an Env trimer. *Cell reports*, 38(10), 110485.

Stienne C, et al. (2022) Btla signaling in conventional and regulatory lymphocytes coordinately tempers humoral immunity in the intestinal mucosa. *Cell reports*, 38(12), 110553.

Dutt TS, et al. (2022) Mucosal exposure to non-tuberculous mycobacteria elicits B cell-mediated immunity against pulmonary tuberculosis. *Cell reports*, 41(11), 111783.

Mandula JK, et al. (2022) Ablation of the endoplasmic reticulum stress kinase PERK induces paraptosis and type I interferon to promote anti-tumor T cell responses. *Cancer cell*, 40(10),

1145.

Kfoury Y, et al. (2021) Human prostate cancer bone metastases have an actionable immunosuppressive microenvironment. *Cancer cell*, 39(11), 1464.

Heyde A, et al. (2021) Increased stem cell proliferation in atherosclerosis accelerates clonal hematopoiesis. *Cell*, 184(5), 1348.

Ramanan D, et al. (2020) An Immunologic Mode of Multigenerational Transmission Governs a Gut Treg Setpoint. *Cell*, 181(6), 1276.

Komuczki J, et al. (2019) Fate-Mapping of GM-CSF Expression Identifies a Discrete Subset of Inflammation-Driving T Helper Cells Regulated by Cytokines IL-23 and IL-1?. *Immunity*, 50(5), 1289.

Zhang P, et al. (2019) Ligand-Blocking and Membrane-Proximal Domain Targeting Anti-OX40 Antibodies Mediate Potent T Cell-Stimulatory and Anti-Tumor Activity. *Cell reports*, 27(11), 3117.

Rydzynski CE, et al. (2018) Affinity Maturation Is Impaired by Natural Killer Cell Suppression of Germinal Centers. *Cell reports*, 24(13), 3367.