

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 2026

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: 20250819T220535+0000

Record Last Update: 20250820T010444+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 22 mentions in open access literature.

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

Heaton AR, et al. (2026) Divergent role of CD8 T cells with distinct metabolic phenotypes during curative radio-immunotherapy in hot versus cold tumors. bioRxiv : the preprint server for biology.

Hiroki CH, et al. (2025) Nociceptor neurons suppress alveolar macrophage-induced Siglec-F+ neutrophil-mediated inflammation to protect against pulmonary fibrosis. Immunity, 58(8), 2054.

Zhang P, et al. (2025) Eomesodermin+ CD4+ T cells are critical for curative immunotherapy outcomes. Immunity, 58(12), 3024.

Pitiot A, et al. (2025) Directed-complement killing of Pseudomonas aeruginosa protects against lethal pneumonia. EBioMedicine, 120, 105926.

Costa-Pereira S, et al. (2025) Regulatory T cells suppress GM-CSF-producing T helper cells via IL-2 modulation to restrain immunopathology. Cell reports, 44(5), 115642.

Syed F, et al. (2025) Pharmacological inhibition of tyrosine protein-kinase 2 reduces islet inflammation and delays type 1 diabetes onset in mice. EBioMedicine, 117, 105734.

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.

Wu N, et al. (2024) MerTK+ macrophages promote melanoma progression and immunotherapy resistance through AhR-ALKAL1 activation. Science advances, 10(40), eado8366.

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

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

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.

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

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.

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.