Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 23, 2025

CD4 Monoclonal Antibody (GK1.5), Alexa Fluor™ 700, eBioscience

RRID:AB_493999
Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 56-0041-82, RRID:AB_493999)

Antibody Information

URL: http://antibodyregistry.org/AB_493999

Proper Citation: (Thermo Fisher Scientific Cat# 56-0041-82, RRID:AB_493999)

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow (0.125 µg/test)
Consolidation on 1/2020: AB_493999, AB_10120779

Antibody Name: CD4 Monoclonal Antibody (GK1.5), Alexa Fluor™ 700, eBioscience

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone GK1.5

Antibody ID: AB_493999

Vendor: Thermo Fisher Scientific

Catalog Number: 56-0041-82

Record Creation Time: 20231110T080812+0000

Record Last Update: 20241115T010112+0000

Ratings and Alerts

No rating or validation information has been found for CD4 Monoclonal Antibody (GK1.5), Alexa Fluor™ 700, eBioscience.

No alerts have been found for CD4 Monoclonal Antibody (GK1.5), Alexa Fluor™ 700, eBioscience.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 19 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Hao J, et al. (2024) NR4A1 transcriptionally regulates the differentiation of stem-like CD8+ T cells in the tumor microenvironment. Cell reports, 43(6), 114301.

Ramalho T, et al. (2024) Itaconate impairs immune control of Plasmodium by enhancing mtDNA-mediated PD-L1 expression in monocyte-derived dendritic cells. Cell metabolism, 36(3), 484.

Gong M, et al. (2023) Transcriptional and metabolic programs promote the expansion of follicular helper T cells in lupus-prone mice. iScience, 26(5), 106774.

Johansson K, et al. (2023) An essential role for miR-15/16 in Treg suppression and restriction of proliferation. Cell reports, 42(10), 113298.

Istomine R, et al. (2023) The eIF4EBP-eIF4E axis regulates CD4+ T cell differentiation through modulation of T cell activation and metabolism. iScience, 26(5), 106683.

Valle-Noguera A, et al. (2023) IL-18-induced HIF-1? in ILC3s ameliorates the inflammation of C. rodentium-induced colitis. Cell reports, 42(12), 113508.

Ferreira ACF, et al. (2023) Neuroprotective protein ADNP-dependent histone remodeling complex promotes T helper 2 immune cell differentiation. Immunity, 56(7), 1468.

Hernández-Malmierca P, et al. (2022) Antigen presentation safeguards the integrity of the hematopoietic stem cell pool. Cell stem cell, 29(5), 760.

Pais Ferreira D, et al. (2020) Central memory CD8+ T cells derive from stem-like Tcf7hi

effector cells in the absence of cytotoxic differentiation. Immunity, 53(5), 985.

Yang YH, et al. (2020) Salt Sensing by Serum/Glucocorticoid-Regulated Kinase 1 Promotes Th17-like Inflammatory Adaptation of Foxp3+ Regulatory T Cells. Cell reports, 30(5), 1515.

Kuhn NF, et al. (2020) CD103+ cDC1 and endogenous CD8+ T cells are necessary for improved CD40L-overexpressing CAR T cell antitumor function. Nature communications, 11(1), 6171.

Scheer S, et al. (2020) The Methyltransferase DOT1L Controls Activation and Lineage Integrity in CD4+ T Cells during Infection and Inflammation. Cell reports, 33(11), 108505.

Duc D, et al. (2019) Disrupting Myelin-Specific Th17 Cell Gut Homing Confers Protection in an Adoptive Transfer Experimental Autoimmune Encephalomyelitis. Cell reports, 29(2), 378.

Siddiqui I, et al. (2019) Intratumoral Tcf1+PD-1+CD8+ T Cells with Stem-like Properties Promote Tumor Control in Response to Vaccination and Checkpoint Blockade Immunotherapy. Immunity, 50(1), 195.

Kuhn NF, et al. (2019) CD40 Ligand-Modified Chimeric Antigen Receptor T Cells Enhance Antitumor Function by Eliciting an Endogenous Antitumor Response. Cancer cell, 35(3), 473.

Luong-Gardiol N, et al. (2019) ?-Catenin-Dependent Signals Maintain BCR-ABL1+ B Cell Acute Lymphoblastic Leukemia. Cancer cell, 35(4), 649.

Halim TYF, et al. (2018) Tissue-Restricted Adaptive Type 2 Immunity Is Orchestrated by Expression of the Costimulatory Molecule OX40L on Group 2 Innate Lymphoid Cells. Immunity, 48(6), 1195.

Smith NL, et al. (2018) Developmental Origin Governs CD8+ T Cell Fate Decisions during Infection. Cell, 174(1), 117.

Damgaard RB, et al. (2016) The Deubiquitinase OTULIN Is an Essential Negative Regulator of Inflammation and Autoimmunity. Cell, 166(5), 1215.