Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 6, 2024

CD4 Monoclonal Antibody (RM4-5), Alexa Fluor™ 700, eBioscience

RRID:AB_494000
Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 56-0042-82 (also 56-0042), RRID:AB_494000)

Antibody Information

URL: http://antibodyregistry.org/AB_494000

Proper Citation: (Thermo Fisher Scientific Cat# 56-0042-82 (also 56-0042), RRID:AB_494000)

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow (0.125 µg/test)

Antibody Name: CD4 Monoclonal Antibody (RM4-5), Alexa Fluor™ 700, eBioscience

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone RM4-5

Defining Citation: PMID:16757567, PMID:16636131, PMID:17548634

Antibody ID: AB_494000

Vendor: Thermo Fisher Scientific

Catalog Number: 56-0042-82 (also 56-0042)

Alternative Catalog Numbers: 56-0042

Ratings and Alerts

No rating or validation information has been found for CD4 Monoclonal Antibody (RM4-5), Alexa Fluor™ 700, eBioscience.

No alerts have been found for CD4 Monoclonal Antibody (RM4-5), Alexa Fluor™ 700, eBioscience.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Patterson MT, et al. (2023) Tumor-specific CD4 T cells instruct monocyte fate in pancreatic ductal adenocarcinoma. Cell reports, 42(7), 112732.

Enamorado M, et al. (2023) Immunity to the microbiota promotes sensory neuron regeneration. Cell, 186(3), 607.

Becker M, et al. (2023) Regulatory T cells require IL6 receptor alpha signaling to control skeletal muscle function and regeneration. Cell metabolism, 35(10), 1736.

Kim E, et al. (2022) Maternal gut bacteria drive intestinal inflammation in offspring with neurodevelopmental disorders by altering the chromatin landscape of CD4+ T cells. Immunity, 55(1), 145.

Nanou A, et al. (2021) Endothelial Tpl2 regulates vascular barrier function via JNK-mediated degradation of claudin-5 promoting neuroinflammation or tumor metastasis. Cell reports, 35(8), 109168.

Sano T, et al. (2021) Redundant cytokine requirement for intestinal microbiota-induced Th17 cell differentiation in draining lymph nodes. Cell reports, 36(8), 109608.

Huang X, et al. (2021) Murine model of colonization with fungal pathogen Candida auris to explore skin tropism, host risk factors and therapeutic strategies. Cell host & microbe, 29(2), 210.

Lima-Junior DS, et al. (2021) Endogenous retroviruses promote homeostatic and inflammatory responses to the microbiota. Cell, 184(14), 3794.

Brenes AJ, et al. (2021) Tissue environment, not ontogeny, defines murine intestinal intraepithelial T lymphocytes. eLife, 10.

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

Loo CS, et al. (2020) A Genome-wide CRISPR Screen Reveals a Role for the Non-canonical Nucleosome-Remodeling BAF Complex in Foxp3 Expression and Regulatory T Cell Function. Immunity, 53(1), 143.

Ciecko AE, et al. (2019) Interleukin-27 Is Essential for Type 1 Diabetes Development and Sjögren Syndrome-like Inflammation. Cell reports, 29(10), 3073.

Koliaraki V, et al. (2019) Innate Sensing through Mesenchymal TLR4/MyD88 Signals Promotes Spontaneous Intestinal Tumorigenesis. Cell reports, 26(3), 536.

Booth CAG, et al. (2018) Ezh2 and Runx1 Mutations Collaborate to Initiate Lympho-Myeloid Leukemia in Early Thymic Progenitors. Cancer cell, 33(2), 274.

Tu E, et al. (2018) T Cell Receptor-Regulated TGF-? Type I Receptor Expression Determines T Cell Quiescence and Activation. Immunity, 48(4), 745.

Linehan JL, et al. (2018) Non-classical Immunity Controls Microbiota Impact on Skin Immunity and Tissue Repair. Cell, 172(4), 784.

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

Römer C, et al. (2015) Blocking stroke-induced immunodeficiency increases CNS antigen-specific autoreactivity but does not worsen functional outcome after experimental stroke. The Journal of neuroscience : the official journal of the Society for Neuroscience, 35(20), 7777.