Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 21, 2025

Biotin anti-mouse CD4

RRID:AB_312711
Type: Antibody

Proper Citation

(BioLegend Cat# 100508, RRID:AB_312711)

Antibody Information

URL: http://antibodyregistry.org/AB_312711

Proper Citation: (BioLegend Cat# 100508, RRID:AB_312711)

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Biotin anti-mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone RM4-5

Antibody ID: AB_312711

Vendor: BioLegend

Catalog Number: 100508

Alternative Catalog Numbers: 100507

Record Creation Time: 20231110T045028+0000

Record Last Update: 20241115T092519+0000

Ratings and Alerts

No rating or validation information has been found for Biotin anti-mouse CD4.

No alerts have been found for Biotin anti-mouse CD4.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Bolomsky A, et al. (2024) IRF4 requires ARID1A to establish plasma cell identity in multiple myeloma. Cancer cell, 42(7), 1185.

Andrews LP, et al. (2024) LAG-3 and PD-1 synergize on CD8+ T cells to drive T cell exhaustion and hinder autocrine IFN-?-dependent anti-tumor immunity. Cell, 187(16), 4355.

Eggert J, et al. (2024) Cbl-b mitigates the responsiveness of naive CD8+ T cells that experience extensive tonic T cell receptor signaling. Science signaling, 17(822), eadh0439.

Rosenlehner T, et al. (2024) Reciprocal regulation of mTORC1 signaling and ribosomal biosynthesis determines cell cycle progression in activated T cells. Science signaling, 17(859), eadi8753.

Phu TA, et al. (2023) ApoE enhances mitochondrial metabolism via microRNA-142a/146a-regulated circuits that suppress hematopoiesis and inflammation in hyperlipidemia. Cell reports, 42(10), 113206.

Zhou X, et al. (2023) MHC class II regulation of CD8+ T cell tolerance and implications in autoimmunity and cancer immunotherapy. Cell reports, 42(11), 113452.

Ma S, et al. (2022) Heterochronic parabiosis induces stem cell revitalization and systemic rejuvenation across aged tissues. Cell stem cell, 29(6), 990.

Andrews LP, et al. (2021) A Cre-driven allele-conditioning line to interrogate CD4+ conventional T cells. Immunity, 54(10), 2209.

Bouchareychas L, et al. (2021) High glucose macrophage exosomes enhance atherosclerosis by driving cellular proliferation & hematopoiesis. iScience, 24(8), 102847.

Lehrke MJ, et al. (2021) The mitochondrial iron transporter ABCB7 is required for B cell development, proliferation, and class switch recombination in mice. eLife, 10.

Delacher M, et al. (2021) Single-cell chromatin accessibility landscape identifies tissue repair program in human regulatory T cells. Immunity, 54(4), 702.

Trefzer A, et al. (2021) Dynamic adoption of anergy by antigen-exhausted CD4+ T cells. Cell reports, 34(6), 108748.

Yi W, et al. (2021) Protein S-nitrosylation regulates proteostasis and viability of hematopoietic stem cell during regeneration. Cell reports, 34(13), 108922.

Wang F, et al. (2021) A basophil-neuronal axis promotes itch. Cell, 184(2), 422.

Chauveau A, et al. (2020) Visualization of T Cell Migration in the Spleen Reveals a Network of Perivascular Pathways that Guide Entry into T Zones. Immunity, 52(5), 794.

Bouchareychas L, et al. (2020) Macrophage Exosomes Resolve Atherosclerosis by Regulating Hematopoiesis and Inflammation via MicroRNA Cargo. Cell reports, 32(2), 107881.

O'Connor T, et al. (2019) Age-Related Gliosis Promotes Central Nervous System Lymphoma through CCL19-Mediated Tumor Cell Retention. Cancer cell, 36(3), 250.

Miska J, et al. (2019) HIF-1? Is a Metabolic Switch between Glycolytic-Driven Migration and Oxidative Phosphorylation-Driven Immunosuppression of Tregs in Glioblastoma. Cell reports, 27(1), 226.

Herndler-Brandstetter D, et al. (2018) KLRG1+ Effector CD8+ T Cells Lose KLRG1, Differentiate into All Memory T Cell Lineages, and Convey Enhanced Protective Immunity. Immunity, 48(4), 716.

Yu VWC, et al. (2017) Epigenetic Memory Underlies Cell-Autonomous Heterogeneous Behavior of Hematopoietic Stem Cells. Cell, 168(5), 944.