Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 7, 2025

CD4

RRID:AB_394583
Type: Antibody

Proper Citation

(BD Biosciences Cat# 553047, RRID:AB_394583)

Antibody Information

URL: http://antibodyregistry.org/AB_394583

Proper Citation: (BD Biosciences Cat# 553047, RRID:AB_394583)

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry
Info: Used by Czech Centre for Phenogenomics

Antibody Name: CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Antibody ID: AB_394583

Vendor: BD Biosciences

Catalog Number: 553047

Record Creation Time: 20231110T081054+0000

Record Last Update: 20241115T111942+0000

Ratings and Alerts

- Used by Czech Centre for Phenogenomics - Czech Centre for Phenogenomics https://www.phenogenomics.cz/

No alerts have been found for CD4.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

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.

Damasceno LEA, et al. (2022) STING is an intrinsic checkpoint inhibitor that restrains the TH17 cell pathogenic program. Cell reports, 39(8), 110838.

Mu Z, et al. (2022) mRNA-encoded HIV-1 Env trimer ferritin nanoparticles induce monoclonal antibodies that neutralize heterologous HIV-1 isolates in mice. Cell reports, 38(11), 110514.

Meng J, et al. (2022) Tumor-derived Jagged1 promotes cancer progression through immune evasion. Cell reports, 38(10), 110492.

DeVito NC, et al. (2021) Pharmacological Wnt ligand inhibition overcomes key tumor-mediated resistance pathways to anti-PD-1 immunotherapy. Cell reports, 35(5), 109071.

Boccasavia VL, et al. (2021) Antigen presentation between T cells drives Th17 polarization under conditions of limiting antigen. Cell reports, 34(11), 108861.

Marchingo JM, et al. (2020) Quantitative analysis of how Myc controls T cell proteomes and metabolic pathways during T cell activation. eLife, 9.

Jin X, et al. (2020) Pyruvate Kinase M2 Promotes the Activation of Dendritic Cells by Enhancing IL-12p35 Expression. Cell reports, 31(8), 107690.

Kunimura K, et al. (2019) S100A4 Protein Is Essential for the Development of Mature Microfold Cells in Peyer's Patches. Cell reports, 29(9), 2823.

Xu W, et al. (2019) An Id2RFP-Reporter Mouse Redefines Innate Lymphoid Cell Precursor Potentials. Immunity, 50(4), 1054.

Zhao F, et al. (2018) Paracrine Wnt5a-?-Catenin Signaling Triggers a Metabolic Program that Drives Dendritic Cell Tolerization. Immunity, 48(1), 147.

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.

Hayatsu N, et al. (2017) Analyses of a Mutant Foxp3 Allele Reveal BATF as a Critical Transcription Factor in the Differentiation and Accumulation of Tissue Regulatory T Cells. Immunity, 47(2), 268.

Kang TW, et al. (2011) Senescence surveillance of pre-malignant hepatocytes limits liver cancer development. Nature, 479(7374), 547.