Mouse Anti-CD4 Monoclonal Antibody, Allophycocyanin Conjugated, Clone RPA-T4

RRID:AB_398593
Type: Antibody

Proper Citation

(BD Biosciences Cat# 555349, RRID:AB_398593)

Antibody Information

URL: http://antibodyregistry.org/AB_398593

Proper Citation: (BD Biosciences Cat# 555349, RRID:AB_398593)

Target Antigen: CD4

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: Mouse Anti-CD4 Monoclonal Antibody, Allophycocyanin Conjugated, Clone RPA-T4

Description: This monoclonal targets CD4

Target Organism: human

Clone ID: RPA-T4

Antibody ID: AB_398593

Vendor: BD Biosciences

Catalog Number: 555349

Record Creation Time: 20241016T231531+0000

Record Last Update: 20241017T002019+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-CD4 Monoclonal Antibody, Allophycocyanin Conjugated, Clone RPA-T4.

No alerts have been found for Mouse Anti-CD4 Monoclonal Antibody, Allophycocyanin Conjugated, Clone RPA-T4.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Labib M, et al. (2024) Identification of druggable regulators of cell secretion via a kinome-wide screen and high-throughput immunomagnetic cell sorting. Nature biomedical engineering, 8(3), 263.

Emert-Sedlak LA, et al. (2024) PROTAC-mediated degradation of HIV-1 Nef efficiently restores cell-surface CD4 and MHC-I expression and blocks HIV-1 replication. Cell chemical biology.

Cummings SE, et al. (2024) SARS-CoV-2 antigen-carrying extracellular vesicles activate T cell responses in a human immunogenicity model. iScience, 27(1), 108708.

Albanese M, et al. (2024) Receptor transfer between immune cells by autoantibody-enhanced, CD32-driven trogocytosis is hijacked by HIV-1 to infect resting CD4 T cells. Cell reports. Medicine, 5(4), 101483.

Shen J, et al. (2024) Activating innate immune responses repolarizes hPSC-derived CAR macrophages to improve anti-tumor activity. Cell stem cell, 31(7), 1003.

Chauvin C, et al. (2023) Tocilizumab-treated convalescent COVID-19 patients retain the cross-neutralization potential against SARS-CoV-2 variants. iScience, 26(3), 106124.

Montoya VR, et al. (2023) A Virus-Packageable CRISPR System Identifies Host Dependency Factors Co-Opted by Multiple HIV-1 Strains. mBio, 14(1), e0000923.

Arandjelovic P, et al. (2023) Venetoclax, alone and in combination with the BH3 mimetic S63845, depletes HIV-1 latently infected cells and delays rebound in humanized mice. Cell

reports. Medicine, 4(9), 101178.

Trim WV, et al. (2022) The Impact of Long-term Physical Inactivity on Adipose Tissue Immunometabolism. The Journal of clinical endocrinology and metabolism, 107(1), 177.

Xiao Q, et al. (2022) Metabolism-dependent ferroptosis promotes mitochondrial dysfunction and inflammation in CD4+ T lymphocytes in HIV-infected immune non-responders. EBioMedicine, 86, 104382.

Zhao X, et al. (2022) In vivo G-CSF treatment activates the GR-SOCS1 axis to suppress IFN-? secretion by natural killer cells. Cell reports, 40(11), 111342.

Höfle J, et al. (2022) Engagement of TRAIL triggers degranulation and IFN? production in human natural killer cells. EMBO reports, 23(8), e54133.

Doss PMIA, et al. (2021) Male sex chromosomal complement exacerbates the pathogenicity of Th17 cells in a chronic model of central nervous system autoimmunity. Cell reports, 34(10), 108833.

Jung HS, et al. (2021) SOX17 integrates HOXA and arterial programs in hemogenic endothelium to drive definitive lympho-myeloid hematopoiesis. Cell reports, 34(7), 108758.

Zerbato JM, et al. (2021) Multiply spliced HIV RNA is a predictive measure of virus production ex vivo and in vivo following reversal of HIV latency. EBioMedicine, 65, 103241.

Kim DH, et al. (2021) Induction of the IL-1RII decoy receptor by NFAT/FOXP3 blocks IL-1?-dependent response of Th17 cells. eLife, 10.

Codo AC, et al. (2020) Elevated Glucose Levels Favor SARS-CoV-2 Infection and Monocyte Response through a HIF-1?/Glycolysis-Dependent Axis. Cell metabolism, 32(3), 437.

Joas S, et al. (2020) Nef-Mediated CD3-TCR Downmodulation Dampens Acute Inflammation and Promotes SIV Immune Evasion. Cell reports, 30(7), 2261.

Le J, et al. (2020) Single-Cell RNA-Seq Mapping of Human Thymopoiesis Reveals Lineage Specification Trajectories and a Commitment Spectrum in T Cell Development. Immunity, 52(6), 1105.

Le J, et al. (2020) Processing Human Thymic Tissue for Single Cell RNA-Seq. STAR protocols, 1(2), 100090.