Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 17, 2025

CD45

RRID:AB_396854
Type: Antibody

Proper Citation

(BD Biosciences Cat# 557748, RRID:AB_396854)

Antibody Information

URL: http://antibodyregistry.org/AB_396854

Proper Citation: (BD Biosciences Cat# 557748, RRID:AB_396854)

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD45

Description: This monoclonal targets CD45

Target Organism: human

Antibody ID: AB_396854

Vendor: BD Biosciences

Catalog Number: 557748

Record Creation Time: 20241017T001709+0000

Record Last Update: 20241017T015814+0000

Ratings and Alerts

No rating or validation information has been found for CD45.

No alerts have been found for CD45.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Crouch EE, et al. (2024) Profiling human brain vascular cells using single-cell transcriptomics and organoids. Nature protocols, 19(3), 603.

Xiao BL, et al. (2023) HRS Regulates Small Extracellular Vesicle PD-L1 Secretion and Is Associated with Anti-PD-1 Treatment Efficacy. Cancer immunology research, 11(2), 228.

Ramos EK, et al. (2022) Machine learning-assisted elucidation of CD81-CD44 interactions in promoting cancer stemness and extracellular vesicle integrity. eLife, 11.

Hayashi Y, et al. (2022) MDS cells impair osteolineage differentiation of MSCs via extracellular vesicles to suppress normal hematopoiesis. Cell reports, 39(6), 110805.

Zhang Y, et al. (2022) Temporal molecular program of human hematopoietic stem and progenitor cells after birth. Developmental cell, 57(24), 2745.

Crouch EE, et al. (2022) Ensembles of endothelial and mural cells promote angiogenesis in prenatal human brain. Cell, 185(20), 3753.

Prasad P, et al. (2021) Glutamine deficiency promotes stemness and chemoresistance in tumor cells through DRP1-induced mitochondrial fragmentation. Cellular and molecular life sciences : CMLS, 78(10), 4821.

Evren E, et al. (2021) Distinct developmental pathways from blood monocytes generate human lung macrophage diversity. Immunity, 54(2), 259.

Houtsma R, et al. (2021) CombiFlow: Flow cytometry-based identification and characterization of genetically and functionally distinct AML subclones. STAR protocols, 2(4), 100864.

Marin E, et al. (2019) Human Tolerogenic Dendritic Cells Regulate Immune Responses through Lactate Synthesis. Cell metabolism, 30(6), 1075.

Shao TY, et al. (2019) Commensal Candida albicans Positively Calibrates Systemic Th17

Immunological Responses. Cell host & microbe, 25(3), 404.

Masiuk KE, et al. (2019) Lentiviral Gene Therapy in HSCs Restores Lineage-Specific Foxp3 Expression and Suppresses Autoimmunity in a Mouse Model of IPEX Syndrome. Cell stem cell, 24(2), 309.

Bennett FC, et al. (2018) A Combination of Ontogeny and CNS Environment Establishes Microglial Identity. Neuron, 98(6), 1170.

Chao MP, et al. (2017) Human AML-iPSCs Reacquire Leukemic Properties after Differentiation and Model Clonal Variation of Disease. Cell stem cell, 20(3), 329.

Tothova Z, et al. (2017) Multiplex CRISPR/Cas9-Based Genome Editing in Human Hematopoietic Stem Cells Models Clonal Hematopoiesis and Myeloid Neoplasia. Cell stem cell, 21(4), 547.

Oliva-Olivera W, et al. (2015) Differences in the Osteogenic Differentiation Capacity of Omental Adipose-Derived Stem Cells in Obese Patients With and Without Metabolic Syndrome. Endocrinology, 156(12), 4492.

Willingham SB, et al. (2012) The CD47-signal regulatory protein alpha (SIRPa) interaction is a therapeutic target for human solid tumors. Proceedings of the National Academy of Sciences of the United States of America, 109(17), 6662.