Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 12, 2025

Mouse Anti-CD45.1 Monoclonal Antibody, Phycoerythrin Conjugated, Clone A20

RRID:AB_395044 Type: Antibody

Proper Citation

(BD Biosciences Cat# 553776, RRID:AB_395044)

Antibody Information

URL: http://antibodyregistry.org/AB_395044

Proper Citation: (BD Biosciences Cat# 553776, RRID:AB_395044)

Target Antigen: CD45.1

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: Mouse Anti-CD45.1 Monoclonal Antibody, Phycoerythrin Conjugated, Clone A20

Description: This monoclonal targets CD45.1

Target Organism: mouse

Clone ID: A20

Antibody ID: AB_395044

Vendor: BD Biosciences

Catalog Number: 553776

Record Creation Time: 20241016T233541+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-CD45.1 Monoclonal Antibody, Phycoerythrin Conjugated, Clone A20.

No alerts have been found for Mouse Anti-CD45.1 Monoclonal Antibody, Phycoerythrin Conjugated, Clone A20.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Swaminathan S, et al. (2024) LAG-3- and CXCR5-expressing CD4 T cells display progenitorlike properties during chronic visceral leishmaniasis. Cell reports, 43(3), 113879.

Watanuki S, et al. (2024) SDHAF1 confers metabolic resilience to aging hematopoietic stem cells by promoting mitochondrial ATP production. Cell stem cell, 31(8), 1145.

Watanuki S, et al. (2024) Context-dependent modification of PFKFB3 in hematopoietic stem cells promotes anaerobic glycolysis and ensures stress hematopoiesis. eLife, 12.

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.

Meibers HE, et al. (2023) Effector memory T cells induce innate inflammation by triggering DNA damage and a non-canonical STING pathway in dendritic cells. Cell reports, 42(10), 113180.

Russ BE, et al. (2023) Active maintenance of CD8 + T cell naïvety through regulation of global genome architecture. bioRxiv : the preprint server for biology.

Shiroshita K, et al. (2023) Evaluating the function of murine quiescent hematopoietic stem cells following non-homologous end joining-based genome editing. STAR protocols, 4(2), 102347.

Russ BE, et al. (2023) Active maintenance of CD8+ T cell naivety through regulation of global genome architecture. Cell reports, 42(10), 113301.

Guilliams M, et al. (2022) Spatial proteogenomics reveals distinct and evolutionarily conserved hepatic macrophage niches. Cell, 185(2), 379.

Wiede F, et al. (2022) PTP1B Is an Intracellular Checkpoint that Limits T-cell and CAR T-cell Antitumor Immunity. Cancer discovery, 12(3), 752.

Christian DA, et al. (2022) cDC1 coordinate innate and adaptive responses in the omentum required for T cell priming and memory. Science immunology, 7(75), eabq7432.

Omer-Javed A, et al. (2022) Mobilization-based chemotherapy-free engraftment of geneedited human hematopoietic stem cells. Cell, 185(13), 2248.

Eisele AS, et al. (2022) Erythropoietin directly remodels the clonal composition of murine hematopoietic multipotent progenitor cells. eLife, 11.

Shiroshita K, et al. (2022) A culture platform to study quiescent hematopoietic stem cells following genome editing. Cell reports methods, 2(12), 100354.

Li J, et al. (2021) KDM6B-dependent chromatin remodeling underpins effective virus-specific CD8+ T cell differentiation. Cell reports, 34(11), 108839.

Hinge A, et al. (2020) Asymmetrically Segregated Mitochondria Provide Cellular Memory of Hematopoietic Stem Cell Replicative History and Drive HSC Attrition. Cell stem cell, 26(3), 420.

Arai F, et al. (2020) Machine Learning of Hematopoietic Stem Cell Divisions from Paired Daughter Cell Expression Profiles Reveals Effects of Aging on Self-Renewal. Cell systems, 11(6), 640.

Remmerie A, et al. (2020) Osteopontin Expression Identifies a Subset of Recruited Macrophages Distinct from Kupffer Cells in the Fatty Liver. Immunity, 53(3), 641.

Fallet B, et al. (2020) Chronic Viral Infection Promotes Efficient Germinal Center B Cell Responses. Cell reports, 30(4), 1013.

Kobayashi H, et al. (2019) Environmental Optimization Enables Maintenance of Quiescent Hematopoietic Stem Cells Ex Vivo. Cell reports, 28(1), 145.