Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 1, 2025

CD34

RRID:AB_11154576
Type: Antibody

Proper Citation

(BD Biosciences Cat# 562608, RRID:AB_11154576)

Antibody Information

URL: http://antibodyregistry.org/AB_11154576

Proper Citation: (BD Biosciences Cat# 562608, RRID:AB_11154576)

Target Antigen: CD34

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD34

Description: This monoclonal targets CD34

Target Organism: mouse

Antibody ID: AB_11154576

Vendor: BD Biosciences

Catalog Number: 562608

Record Creation Time: 20231110T060431+0000

Record Last Update: 20241115T063507+0000

Ratings and Alerts

No rating or validation information has been found for CD34.

No alerts have been found for CD34.

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.

Nakanishi Y, et al. (2024) Semaphorin 6D tunes amygdalar circuits for emotional, metabolic, and inflammatory outputs. Neuron, 112(17), 2955.

Shi D, et al. (2024) Pseudouridine synthase 1 regulates erythropoiesis via transfer RNAs pseudouridylation and cytoplasmic translation. iScience, 27(3), 109265.

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

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.

Du C, et al. (2024) Mitochondrial serine catabolism safeguards maintenance of the hematopoietic stem cell pool in homeostasis and injury. Cell stem cell, 31(10), 1484.

Liu S, et al. (2023) A tissue injury sensing and repair pathway distinct from host pathogen defense. Cell, 186(10), 2127.

Voisin B, et al. (2023) Macrophage-mediated extracellular matrix remodeling controls host Staphylococcus aureus susceptibility in the skin. Immunity, 56(7), 1561.

Zhao L, et al. (2023) Association of growth hormone deficiency with an increased number of preadipocytes in subcutaneous fat. Frontiers in endocrinology, 14, 1199589.

Hao X, et al. (2023) Osteoprogenitor-GMP crosstalk underpins solid tumor-induced systemic immunosuppression and persists after tumor removal. Cell stem cell, 30(5), 648.

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

Sakamoto K, et al. (2022) Flow cytometry analysis of the subpopulations of mouse keratinocytes and skin immune cells. STAR protocols, 3(1), 101052.

Tichy ED, et al. (2021) Telomere length assessments of muscle stem cells in rodent and human skeletal muscle sections. STAR protocols, 2(4), 100830.

Iturri L, et al. (2021) Megakaryocyte production is sustained by direct differentiation from erythromyeloid progenitors in the yolk sac until midgestation. Immunity, 54(7), 1433.

Tichy ED, et al. (2021) Persistent NF-?B activation in muscle stem cells induces proliferation-independent telomere shortening. Cell reports, 35(6), 109098.

Keerthivasan S, et al. (2021) Homeostatic functions of monocytes and interstitial lung macrophages are regulated via collagen domain-binding receptor LAIR1. Immunity, 54(7), 1511.

Sakamoto K, et al. (2021) Disruption of the endopeptidase ADAM10-Notch signaling axis leads to skin dysbiosis and innate lymphoid cell-mediated hair follicle destruction. Immunity, 54(10), 2321.

de Laval B, et al. (2020) C/EBP?-Dependent Epigenetic Memory Induces Trained Immunity in Hematopoietic Stem Cells. Cell stem cell, 26(5), 657.

Kobayashi H, et al. (2020) Protocol for the Maintenance of Quiescent Murine Hematopoietic Stem Cells. STAR protocols, 1(2), 100078.

Shikatani EA, et al. (2019) c-Myb Exacerbates Atherosclerosis through Regulation of Protective IgM-Producing Antibody-Secreting Cells. Cell reports, 27(8), 2304.

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