Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 14, 2025

CD31

RRID:AB_394817
Type: Antibody

Proper Citation

(BD Biosciences Cat# 553371, RRID:AB_394817)

Antibody Information

URL: http://antibodyregistry.org/AB_394817

Proper Citation: (BD Biosciences Cat# 553371, RRID:AB_394817)

Target Antigen: CD31

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD31

Description: This monoclonal targets CD31

Target Organism: mouse

Defining Citation: PMID:16802330

Antibody ID: AB_394817

Vendor: BD Biosciences

Catalog Number: 553371

Record Creation Time: 20241016T223140+0000

Record Last Update: 20241016T230313+0000

Ratings and Alerts

No rating or validation information has been found for CD31.

No alerts have been found for CD31.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Zhang T, et al. (2024) FGD5 in basal cells induces CXCL14 secretion that initiates a feedback loop to promote murine mammary epithelial growth and differentiation. Developmental cell, 59(16), 2085.

Grammer C, et al. (2024) Vhl safeguards thymic epithelial cell identity and thymopoietic capacity by constraining Hif1a activity during development. iScience, 27(7), 110258.

Xing YL, et al. (2023) High-efficiency pharmacogenetic ablation of oligodendrocyte progenitor cells in the adult mouse CNS. Cell reports methods, 3(2), 100414.

Rudnicki M, et al. (2023) Transcriptomic profiling reveals sex-specific molecular signatures of adipose endothelial cells under obesogenic conditions. iScience, 26(1), 105811.

Sá da Bandeira D, et al. (2022) PDGFR?+ cells play a dual role as hematopoietic precursors and niche cells during mouse ontogeny. Cell reports, 40(3), 111114.

Wang J, et al. (2022) Isolation of mouse pancreatic islet Procr+ progenitors and long-term expansion of islet organoids in vitro. Nature protocols, 17(5), 1359.

Wang J, et al. (2022) Selective YAP activation in Procr cells is essential for ovarian stem/progenitor expansion and epithelium repair. eLife, 11.

Klaus A, et al. (2022) CLASP2 safeguards hematopoietic stem cell properties during mouse and fish development. Cell reports, 39(11), 110957.

Gadomski S, et al. (2022) A cholinergic neuroskeletal interface promotes bone formation during postnatal growth and exercise. Cell stem cell, 29(4), 528.

Yu QC, et al. (2022) Activation of Wnt/?-catenin signaling by Zeb1 in endothelial progenitors induces vascular quiescence entry. Cell reports, 41(8), 111694.

Yu Q, et al. (2021) Mesenteric Neural Crest Cells Are the Embryological Basis of Skip Segment Hirschsprung's Disease. Cellular and molecular gastroenterology and hepatology,

12(1), 1.

Li Y, et al. (2021) Chromatin and transcription factor profiling in rare stem cell populations using CUT&Tag. STAR protocols, 2(3), 100751.

Wang J, et al. (2021) Endothelial Wnts control mammary epithelial patterning via fibroblast signaling. Cell reports, 34(13), 108897.

Liu Y, et al. (2020) Chromosome 3q26 Gain Is an Early Event Driving Coordinated Overexpression of the PRKCI, SOX2, and ECT2 Oncogenes in Lung Squamous Cell Carcinoma. Cell reports, 30(3), 771.

Gadomski S, et al. (2020) Id1 and Id3 Maintain Steady-State Hematopoiesis by Promoting Sinusoidal Endothelial Cell Survival and Regeneration. Cell reports, 31(4), 107572.

Forte D, et al. (2020) Bone Marrow Mesenchymal Stem Cells Support Acute Myeloid Leukemia Bioenergetics and Enhance Antioxidant Defense and Escape from Chemotherapy. Cell metabolism, 32(5), 829.

Geng A, et al. (2020) A novel function of R-spondin1 in regulating estrogen receptor expression independent of Wnt/?-catenin signaling. eLife, 9.

Wang D, et al. (2020) Long-Term Expansion of Pancreatic Islet Organoids from Resident Procr+ Progenitors. Cell, 180(6), 1198.

Chung CY, et al. (2019) Single-Cell Chromatin Analysis of Mammary Gland Development Reveals Cell-State Transcriptional Regulators and Lineage Relationships. Cell reports, 29(2), 495.

Yin N, et al. (2019) Protein Kinase C? and Wnt/?-Catenin Signaling: Alternative Pathways to Kras/Trp53-Driven Lung Adenocarcinoma. Cancer cell, 36(2), 156.