Resource Summary Report

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

CD44

RRID:AB_393732
Type: Antibody

Proper Citation

(BD Biosciences Cat# 550538, RRID:AB_393732)

Antibody Information

URL: http://antibodyregistry.org/AB_393732

Proper Citation: (BD Biosciences Cat# 550538, RRID:AB_393732)

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Immunohistochemistry-frozen, Immunohistochemistry-paraffin, Western blot

Antibody Name: CD44

Description: This monoclonal targets CD44

Target Organism: mouse

Antibody ID: AB_393732

Vendor: BD Biosciences

Catalog Number: 550538

Record Creation Time: 20241016T235500+0000

Record Last Update: 20241017T012612+0000

Ratings and Alerts

No rating or validation information has been found for CD44.

No alerts have been found for CD44.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Qin T, et al. (2024) Ptch1 is essential for cochlear marginal cell differentiation and stria vascularis formation. Cell reports, 43(4), 114083.

Kim B, et al. (2024) CRACD loss induces neuroendocrine cell plasticity of lung adenocarcinoma. Cell reports, 43(6), 114286.

Danev N, et al. (2024) Comparative transcriptomic analysis of bovine mesenchymal stromal cells reveals tissue-source and species-specific differences. iScience, 27(2), 108886.

Chen Z, et al. (2023) Monocyte depletion enhances neutrophil influx and proneural to mesenchymal transition in glioblastoma. Nature communications, 14(1), 1839.

De Vargas Roditi L, et al. (2022) Single-cell proteomics defines the cellular heterogeneity of localized prostate cancer. Cell reports. Medicine, 3(4), 100604.

Badarinath K, et al. (2022) Snail maintains the stem/progenitor state of skin epithelial cells and carcinomas through the autocrine effect of matricellular protein Mindin. Cell reports, 40(12), 111390.

Walter RJ, et al. (2022) Wnt signaling is boosted during intestinal regeneration by a CD44-positive feedback loop. Cell death & disease, 13(2), 168.

Barthet VJA, et al. (2021) Autophagy suppresses the formation of hepatocyte-derived cancer-initiating ductular progenitor cells in the liver. Science advances, 7(23).

Lynn MA, et al. (2021) The composition of the gut microbiota following early-life antibiotic exposure affects host health and longevity in later life. Cell reports, 36(8), 109564.

Marques C, et al. (2021) NF1 regulates mesenchymal glioblastoma plasticity and aggressiveness through the AP-1 transcription factor FOSL1. eLife, 10.

Zheng B, et al. (2021) A new murine esophageal organoid culture method and organoid-based model of esophageal squamous cell neoplasia. iScience, 24(12), 103440.

Chrysostomou E, et al. (2020) The Notch Ligand Jagged1 Is Required for the Formation, Maintenance, and Survival of Hensen's Cells in the Mouse Cochlea. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(49), 9401.

Tan GK, et al. (2020) Tgf? signaling is critical for maintenance of the tendon cell fate. eLife, 9.

Cheung P, et al. (2020) Regenerative Reprogramming of the Intestinal Stem Cell State via Hippo Signaling Suppresses Metastatic Colorectal Cancer. Cell stem cell, 27(4), 590.

Pepe-Mooney BJ, et al. (2019) Single-Cell Analysis of the Liver Epithelium Reveals Dynamic Heterogeneity and an Essential Role for YAP in Homeostasis and Regeneration. Cell stem cell, 25(1), 23.

Kim GB, et al. (2019) Rapid Generation of Somatic Mouse Mosaics with Locus-Specific, Stably Integrated Transgenic Elements. Cell, 179(1), 251.

Wagner J, et al. (2019) A Single-Cell Atlas of the Tumor and Immune Ecosystem of Human Breast Cancer. Cell, 177(5), 1330.

Ooki T, et al. (2019) High-Molecular-Weight Hyaluronan Is a Hippo Pathway Ligand Directing Cell Density-Dependent Growth Inhibition via PAR1b. Developmental cell, 49(4), 590.

Damond N, et al. (2019) A Map of Human Type 1 Diabetes Progression by Imaging Mass Cytometry. Cell metabolism, 29(3), 755.

Jackstadt R, et al. (2019) Epithelial NOTCH Signaling Rewires the Tumor Microenvironment of Colorectal Cancer to Drive Poor-Prognosis Subtypes and Metastasis. Cancer cell, 36(3), 319.