

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

CD44

RRID:AB_395870

Type: Antibody

Proper Citation

BD Biosciences Cat# 555478, RRID:AB_395870

Antibody Information

URL: http://antibodyregistry.org/AB_395870

Proper Citation: BD Biosciences Cat# 555478, RRID:AB_395870

Target Antigen: CD44

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD44

Description: This monoclonal targets CD44

Target Organism: human

Antibody ID: AB_395870

Vendor: BD Biosciences

Catalog Number: 555478

Record Creation Time: 20250820T023821+0000

Record Last Update: 20250820T140724+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 16 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Dattachoudhury S, et al. (2026) Downregulation of PIEZO1 Activity Promotes Breast Cancer Cell Survival under Shear Stress by Modulating β -Catenin and BCL2. Cancer research communications, 6(7), 1557.

Zhang G, et al. (2025) Vagal pathway activation links chronic stress to decline in intestinal stem cell function. Cell stem cell, 32(5), 778.

Zhao CN, et al. (2025) Phocaeicola vulgatus induces immunotherapy resistance in hepatocellular carcinoma via reducing indoleacetic acid production. Cell reports. Medicine, 102370.

Shayler DWH, et al. (2025) Identification and characterization of early human photoreceptor states and cell-state-specific retinoblastoma-related features. eLife, 13.

Shayler DWH, et al. (2024) Identification and characterization of early human photoreceptor states and cell-state-specific retinoblastoma-related features. bioRxiv : the preprint server for biology.

Zhang Y, et al. (2024) Potassium ion channel modulation at cancer-neural interface enhances neuronal excitability in epileptogenic glioblastoma multiforme. Neuron.

Vipparthi K, et al. (2022) Emergence of hybrid states of stem-like cancer cells correlates with poor prognosis in oral cancer. iScience, 25(5), 104317.

Chang Y, et al. (2022) Engineering chimeric antigen receptor neutrophils from human pluripotent stem cells for targeted cancer immunotherapy. Cell reports, 40(3), 111128.

Pan Q, et al. (2021) The ZMYND8-regulated mevalonate pathway endows YAP-high intestinal cancer with metabolic vulnerability. Molecular cell, 81(13), 2736.

Su W, et al. (2019) The Polycomb Repressor Complex 1 Drives Double-Negative Prostate Cancer Metastasis by Coordinating Stemness and Immune Suppression. Cancer cell, 36(2), 139.

Yan X, et al. (2019) Replication Study: The microRNA miR-34a inhibits prostate cancer stem cells and metastasis by directly repressing CD44. eLife, 8.

Yoon C, et al. (2019) KRAS Activation in Gastric Adenocarcinoma Stimulates Epithelial-to-Mesenchymal Transition to Cancer Stem-Like Cells and Promotes Metastasis. Molecular cancer research : MCR, 17(9), 1945.

Su S, et al. (2018) CD10+GPR77+ Cancer-Associated Fibroblasts Promote Cancer Formation and Chemoresistance by Sustaining Cancer Stemness. *Cell*, 172(4), 841.

Luo M, et al. (2018) Targeting Breast Cancer Stem Cell State Equilibrium through Modulation of Redox Signaling. *Cell metabolism*, 28(1), 69.

Matthyssen S, et al. (2017) Xeno-Free Cultivation of Mesenchymal Stem Cells From the Corneal Stroma. *Investigative ophthalmology & visual science*, 58(5), 2659.

Li J, et al. (2015) Registered report: the microRNA miR-34a inhibits prostate cancer stem cells and metastasis by directly repressing CD44. *eLife*, 4, e06434.