

Resource Summary Report

Generated by [RRID](#) on Jul 28, 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 15 mentions in open access literature.

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

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.

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

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*.

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.