

Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

CD44

RRID:AB_398683

Type: Antibody

Proper Citation

BD Biosciences Cat# 559942, RRID:AB_398683

Antibody Information

URL: http://antibodyregistry.org/AB_398683

Proper Citation: BD Biosciences Cat# 559942, RRID:AB_398683

Target Antigen: CD44

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD44

Description: This monoclonal targets CD44

Target Organism: human

Antibody ID: AB_398683

Vendor: BD Biosciences

Catalog Number: 559942

Record Creation Time: 20250820T015705+0000

Record Last Update: 20250820T121757+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 23 mentions in open access literature.

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

Boyer T, et al. (2026) Immunosuppressive myeloid cells induce mesenchymal-like breast cancer stem cells by a membrane-bound TGF- β 1-dependent mechanism. Cell reports, 45(7), 117568.

Lee CH, et al. (2025) MSN/STAT3 drives cancer stemness and chemoresistance via IL-6/LPAR1 ligand receptor complex in triple-negative breast cancer. Breast cancer research : BCR, 27(1), 136.

Liu J, et al. (2024) Obg-like ATPase 1 exacerbated gemcitabine drug resistance of pancreatic cancer. iScience, 27(6), 110027.

Liu CSC, et al. (2024) Piezo1 mechanosensing regulates integrin-dependent chemotactic migration in human T cells. eLife, 12.

Mattsson J, et al. (2023) Sequence enrichment profiles enable target-agnostic antibody generation for a broad range of antigens. Cell reports methods, 3(5), 100475.

Frerichs LM, et al. (2023) Tumorigenic effects of human mesenchymal stromal cells and fibroblasts on bladder cancer cells. Frontiers in oncology, 13, 1228185.

Tamaoki N, et al. (2023) Self-organized yolk sac-like organoids allow for scalable generation of multipotent hematopoietic progenitor cells from induced pluripotent stem cells. Cell reports methods, 3(4), 100460.

Kuburich NA, et al. (2023) Stabilizing vimentin phosphorylation inhibits stem-like cell properties and metastasis of hybrid epithelial/mesenchymal carcinomas. Cell reports, 42(12), 113470.

Richart L, et al. (2022) XIST loss impairs mammary stem cell differentiation and increases tumorigenicity through Mediator hyperactivation. Cell, 185(12), 2164.

van Gils N, et al. (2022) Targeting histone methylation to reprogram the transcriptional state that drives survival of drug-tolerant myeloid leukemia persists. iScience, 25(9), 105013.

Zanoni M, et al. (2022) Irradiation causes senescence, ATP release, and P2X7 receptor isoform switch in glioblastoma. Cell death & disease, 13(1), 80.

Rodriguez-Ramirez C, et al. (2022) p53 Inhibits Bmi-1-driven Self-Renewal and Defines Salivary Gland Cancer Stemness. Clinical cancer research : an official journal of the American Association for Cancer Research, 28(21), 4757.

Wang S, et al. (2022) Single-cell multiomics reveals heterogeneous cell states linked to metastatic potential in liver cancer cell lines. *iScience*, 25(3), 103857.

Jung J, et al. (2022) Chemically defined generation of human definitive hematopoietic stem and progenitor cells. *STAR protocols*, 4(1), 101953.

Ciummo SL, et al. (2021) The C-X-C Motif Chemokine Ligand 1 Sustains Breast Cancer Stem Cell Self-Renewal and Promotes Tumor Progression and Immune Escape Programs. *Frontiers in cell and developmental biology*, 9, 689286.

Shan NL, et al. (2020) Analysis of the Transcriptome: Regulation of Cancer Stemness in Breast Ductal Carcinoma In Situ by Vitamin D Compounds. *Cancer prevention research (Philadelphia, Pa.)*, 13(8), 673.

Kang GJ, et al. (2020) SARNP, a participant in mRNA splicing and export, negatively regulates E-cadherin expression via interaction with pinin. *Journal of cellular physiology*, 235(2), 1543.

Zhang Z, et al. (2019) OTUB2 Promotes Cancer Metastasis via Hippo-Independent Activation of YAP and TAZ. *Molecular cell*, 73(1), 7.

Ohata H, et al. (2019) NOX1-Dependent mTORC1 Activation via S100A9 Oxidation in Cancer Stem-like Cells Leads to Colon Cancer Progression. *Cell reports*, 28(5), 1282.

Gomes AP, et al. (2019) Dynamic Incorporation of Histone H3 Variants into Chromatin Is Essential for Acquisition of Aggressive Traits and Metastatic Colonization. *Cancer cell*, 36(4), 402.