

# Resource Summary Report

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## Mouse Anti-CD44 Monoclonal Antibody, Allophycocyanin Conjugated, Clone G44-26

RRID:AB\_398683

Type: Antibody

### Proper Citation

(BD Biosciences Cat# 559942, RRID:AB\_398683)

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_398683](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:** Mouse Anti-CD44 Monoclonal Antibody, Allophycocyanin Conjugated, Clone G44-26

**Description:** This monoclonal targets CD44

**Target Organism:** human

**Clone ID:** G44-26

**Antibody ID:** AB\_398683

**Vendor:** BD Biosciences

**Catalog Number:** 559942

**Record Creation Time:** 20241016T224414+0000

**Record Last Update:** 20241016T232539+0000

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## Ratings and Alerts

No rating or validation information has been found for Mouse Anti-CD44 Monoclonal Antibody, Allophycocyanin Conjugated, Clone G44-26.

No alerts have been found for Mouse Anti-CD44 Monoclonal Antibody, Allophycocyanin Conjugated, Clone G44-26.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 22 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

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.

Furukawa Y, et al. (2023) iPSC-derived hypoimmunogenic tissue resident memory T cells mediate robust anti-tumor activity against cervical cancer. *Cell reports. Medicine*, 4(12), 101327.

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.

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

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.

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

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.

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.

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.

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.

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

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.

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