

Resource Summary Report

Generated by [RRID](#) on Sep 8, 2026

CD44

RRID:AB_2737979

Type: Antibody

Proper Citation

BD Biosciences Cat# 563058, RRID:AB_2737979

Antibody Information

URL: http://antibodyregistry.org/AB_2737979

Proper Citation: BD Biosciences Cat# 563058, RRID:AB_2737979

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD44

Description: This monoclonal targets CD44

Target Organism: mouse

Clone ID: IM7

Antibody ID: AB_2737979

Vendor: BD Biosciences

Catalog Number: 563058

Record Creation Time: 20231110T033529+0000

Record Last Update: 20260829T114338+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 20 mentions in open access literature.

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

Zhou YD, et al. (2026) Tissue-specific tolerance mechanisms and lymph node co-drainage shape T cell immunity in the upper digestive system and pancreatic cancer progression. Cell reports, 45(5), 117324.

Yao J, et al. (2026) Activating an interleukin 4-FLT3-STAT6 axis in multipotent progenitors restores lymphopoiesis in inflammation and aging. Immunity, 59(7), 1843.

Xie X, et al. (2026) Eos plays a critical role in Treg homeostasis and modulates the function of recirculating thymic Tregs in the control of Treg development. Cell reports, 45(1), 116838.

Zhu X, et al. (2025) Optimal CXCR5 expression during Tfh maturation involves the Bhlhe40-Pou2af1 axis. Cell reports, 44(11), 116470.

Zhou YD, et al. (2025) T cell fate is dictated by different antigen presenting cells in response to dietary versus gut epithelial self-antigen. bioRxiv : the preprint server for biology.

Bresesti C, et al. (2025) Reprogramming liver metastasis-associated macrophages toward an anti-tumoral phenotype through enforced miR-342 expression. Cell reports, 44(5), 115592.

Rennen S, et al. (2025) Lipid nanoparticles as a tool to dissect dendritic cell maturation pathways. Cell reports, 44(8), 116150.

Kines KT, et al. (2025) Aging-induced semaphorin 7a promotes TGF- β 1-mediated cell plasticity and breast tumor metastases. Cell reports, 44(8), 116042.

Makris S, et al. (2025) Lymph node fibroblast phenotypes and immune crosstalk regulated by podoplanin activity. Cell reports, 44(7), 115908.

Niu D, et al. (2025) Local delivery of IL-15 and anti-PD-L1 nanobody by in vitro-transcribed circILNb elicits superior antitumor immunity in cold tumors. Cell reports. Medicine, 6(10), 102413.

Seedhom MO, et al. (2024) Paradoxical imbalance between activated lymphocyte protein synthesis capacity and rapid division rate. eLife, 12.

Wallace RP, et al. (2024) Synthetically mannosylated antigens induce antigen-specific humoral tolerance and reduce anti-drug antibody responses to immunogenic biologics. Cell reports. Medicine, 5(1), 101345.

McDonald B, et al. (2023) Canonical BAF complex activity shapes the enhancer landscape that licenses CD8+ T cell effector and memory fates. *Immunity*, 56(6), 1303.

Christian DA, et al. (2022) cDC1 coordinate innate and adaptive responses in the omentum required for T cell priming and memory. *Science immunology*, 7(75), eabq7432.

Masle-Farquhar E, et al. (2022) STAT3 gain-of-function mutations connect leukemia with autoimmune disease by pathological NKG2Dhi CD8+ T cell dysregulation and accumulation. *Immunity*, 55(12), 2386.

Cootes TA, et al. (2022) The quality of energy- and macronutrient-balanced diets regulates host susceptibility to influenza in mice. *Cell reports*, 41(7), 111638.

Peng C, et al. (2022) Engagement of the costimulatory molecule ICOS in tissues promotes establishment of CD8+ tissue-resident memory T cells. *Immunity*, 55(1), 98.

Seo IH, et al. (2021) IL-15 enhances CCR5-mediated migration of memory CD8+ T cells by upregulating CCR5 expression in the absence of TCR stimulation. *Cell reports*, 36(4), 109438.

Chang D, et al. (2020) The Conserved Non-coding Sequences CNS6 and CNS9 Control Cytokine-Induced Rorc Transcription during T Helper 17 Cell Differentiation. *Immunity*, 53(3), 614.

Elsner RA, et al. (2019) IL-12 Blocks Tfh Cell Differentiation during Salmonella Infection, thereby Contributing to Germinal Center Suppression. *Cell reports*, 29(9), 2796.