

Resource Summary Report

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Rat Anti-CD44 Monoclonal Antibody, FITC Conjugated, Clone IM7

RRID:AB_2076224

Type: Antibody

Proper Citation

BD Biosciences Cat# 553133, RRID:AB_2076224

Antibody Information

URL: http://antibodyregistry.org/AB_2076224

Proper Citation: BD Biosciences Cat# 553133, RRID:AB_2076224

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: Rat Anti-CD44 Monoclonal Antibody, FITC Conjugated, Clone IM7

Description: This monoclonal targets CD44

Target Organism: feline, porcine, canine, horse, mouse, bovine, human

Clone ID: IM7

Antibody ID: AB_2076224

Vendor: BD Biosciences

Catalog Number: 553133

Record Creation Time: 20250820T050435+0000

Record Last Update: 20250820T204326+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-CD44 Monoclonal Antibody, FITC Conjugated, Clone IM7.

No alerts have been found for Rat Anti-CD44 Monoclonal Antibody, FITC Conjugated, Clone IM7.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 41 mentions in open access literature.

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

Miles MA, et al. (2026) TLR7-mediated inflammation drives PD-L1 upregulation and T cell exhaustion during influenza A virus infection. *iScience*, 29(2), 114776.

Dong Z, et al. (2026) Engineering oral commensal nanovaccines to activate mucosal-systemic immune cascades against tumor. *Cell host & microbe*.

Myers JA, et al. (2026) E-cadherin expression promotes tumor growth via KLRG1-dependent pathways. *Journal of immunology (Baltimore, Md. : 1950)*, 215(4).

Garg SK, et al. (2026) Potentiating dendritic cell immunotherapy by interrupting the Semaphorin 4D-induced immune-suppressive barrier. *Cell reports*, 45(3), 117050.

Wu L, et al. (2026) Controlled pyroptosis of engineered macrophages enables biphasic antitumor via the release of oncolytic bacteria and inflammatory signals. *Cell reports*, 45(2), 116918.

Park C, et al. (2026) A Rasa3-G β i signaling axis orchestrates B lymphocyte trafficking into and through lymphoid organs. *Cell reports*, 45(4), 117243.

Pfab C, et al. (2026) Protocol for potent activation of T cells using BPI-stimulated murine bone marrow-derived cells. *STAR protocols*, 7(2), 104519.

Zhou R, et al. (2025) Lipid Nanoparticle-Encapsulated mRNAs Encoding Tumor-Specific Toxin Proteins Selectively Target Cancer Cells and Stimulate T-cell Infiltration. *Cancer research*, 85(19), 3706.

Allyn BM, et al. (2025) Promoter- and enhancer-dependent cohesin loading initiates chromosome looping to fold *Tcrb* loci for long-range recombination. *Cell reports*, 44(8), 116133.

Dai Z, et al. (2025) Single-cell analysis of temporal immune cell dynamics in alopecia areata reveals a causal role for clonally expanded CD8⁺ T cells in disease. *Cell reports*, 44(7), 115798.

Jia X, et al. (2024) High expression of oleoyl-ACP hydrolase underpins life-threatening respiratory viral diseases. *Cell*, 187(17), 4586.

Gitlin AD, et al. (2024) N4BP1 coordinates ubiquitin-dependent crosstalk within the I χ B kinase family to limit Toll-like receptor signaling and inflammation. *Immunity*, 57(5), 973.

Bülow S, et al. (2024) Bactericidal/permeability-increasing protein instructs dendritic cells to elicit Th22 cell response. *Cell reports*, 43(3), 113929.

Huang QQ, et al. (2023) Mechanisms regulating the loss of Tregs in HUPO mice that develop spontaneous inflammatory arthritis. *iScience*, 26(5), 106734.

Muñoz-Wolf N, et al. (2023) Non-canonical inflammasome activation mediates the adjuvanticity of nanoparticles. *Cell reports. Medicine*, 4(1), 100899.

Le Moine M, et al. (2023) Homeostatic PD-1 signaling restrains EOMES-dependent oligoclonal expansion of liver-resident CD8 T cells. *Cell reports*, 42(8), 112876.

Liu H, et al. (2023) Neutralizing IL-8 potentiates immune checkpoint blockade efficacy for glioma. *Cancer cell*, 41(4), 693.

Henry CM, et al. (2023) SYK ubiquitination by CBL E3 ligases restrains cross-presentation of dead cell-associated antigens by type 1 dendritic cells. *Cell reports*, 42(12), 113506.

Wang J, et al. (2023) Genetic modification of miR-34a enhances efficacy of transplanted human dental pulp stem cells after ischemic stroke. *Neural regeneration research*, 18(9), 2029.

Yao CC, et al. (2023) Accumulation of branched-chain amino acids reprograms glucose metabolism in CD8⁺ T cells with enhanced effector function and anti-tumor response. *Cell reports*, 42(3), 112186.