

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 33 mentions in open access literature.

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

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.

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.

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 κ 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.

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

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.

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.

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.

Eriksson M, et al. (2022) T cell kinetics reveal expansion of distinct lung T cell subsets in acute versus in resolved influenza virus infection. *Frontiers in immunology*, 13, 949299.

Gros M, et al. (2022) Endocytic membrane repair by ESCRT-III controls antigen export to the cytosol during antigen cross-presentation. *Cell reports*, 40(7), 111205.

Wiede F, et al. (2022) PTP1B Is an Intracellular Checkpoint that Limits T-cell and CAR T-cell Antitumor Immunity. *Cancer discovery*, 12(3), 752.

Kawasaki T, et al. (2022) Alveolar macrophages instruct CD8⁺ T cell expansion by antigen cross-presentation in lung. *Cell reports*, 41(11), 111828.

Närvä E, et al. (2022) MASTL is enriched in cancerous and pluripotent stem cells and influences OCT1/OCT4 levels. *iScience*, 25(6), 104459.

Busnelli M, et al. (2022) Lack of ApoA-I in ApoEKO Mice Causes Skin Xanthomas, Worsening of Inflammation, and Increased Coronary Atherosclerosis in the Absence of Hyperlipidemia. *Arteriosclerosis, thrombosis, and vascular biology*, 42(7), 839.

Li Y, et al. (2022) Phospholipid metabolites of the gut microbiota promote hypoxia-induced intestinal injury via CD1d-dependent ?? T cells. *Gut microbes*, 14(1), 2096994.

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.