

Resource Summary Report

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

RRID:AB_398661

Type: Antibody

Proper Citation

(BD Biosciences Cat# 559250, RRID:AB_398661)

Antibody Information

URL: http://antibodyregistry.org/AB_398661

Proper Citation: (BD Biosciences Cat# 559250, RRID:AB_398661)

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

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

Description: This monoclonal targets CD44

Target Organism: mouse

Clone ID: IM7

Antibody ID: AB_398661

Vendor: BD Biosciences

Catalog Number: 559250

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Gonçalves MP, et al. (2024) A1-reprogrammed mesenchymal stromal cells prime potent antitumoral responses. *iScience*, 27(3), 109248.

Fukaya T, et al. (2023) Gut dysbiosis promotes the breakdown of oral tolerance mediated through dysfunction of mucosal dendritic cells. *Cell reports*, 42(5), 112431.

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

Du H, et al. (2023) Suppression of TREX1 deficiency-induced cellular senescence and interferonopathies by inhibition of DNA damage response. *iScience*, 26(7), 107090.

Pandey SP, et al. (2022) Tet2 deficiency drives liver microbiome dysbiosis triggering Tc1 cell autoimmune hepatitis. *Cell host & microbe*, 30(7), 1003.

Damasceno LEA, et al. (2022) STING is an intrinsic checkpoint inhibitor that restrains the TH17 cell pathogenic program. *Cell reports*, 39(8), 110838.

Miller CL, et al. (2022) Systemic delivery of a targeted synthetic immunostimulant transforms the immune landscape for effective tumor regression. *Cell chemical biology*, 29(3), 451.

Bikorimana JP, et al. (2022) Promoting antigen escape from dendritic cell endosomes potentiates anti-tumoral immunity. *Cell reports. Medicine*, 3(3), 100534.

Agliano F, et al. (2022) Nicotinamide breaks effector CD8 T cell responses by targeting mTOR signaling. *iScience*, 25(3), 103932.

Park JY, et al. (2022) In vivo availability of the cytokine IL-7 constrains the survival and homeostasis of peripheral iNKT cells. *Cell reports*, 38(2), 110219.

Xu T, et al. (2022) Alternative splicing downstream of EMT enhances phenotypic plasticity

and malignant behavior in colon cancer. *eLife*, 11.

Lynn MA, et al. (2022) Protocol to colonize gnotobiotic mice in early life and assess the impact on early life immune programming. *STAR protocols*, 3(4), 101914.

Rustenhoven J, et al. (2021) Functional characterization of the dural sinuses as a neuroimmune interface. *Cell*, 184(4), 1000.

McLane LM, et al. (2021) Role of nuclear localization in the regulation and function of T-bet and Eomes in exhausted CD8 T cells. *Cell reports*, 35(6), 109120.

Giampazolias E, et al. (2021) Secreted gelsolin inhibits DNGR-1-dependent cross-presentation and cancer immunity. *Cell*, 184(15), 4016.

Nozais M, et al. (2021) MYC deficiency impairs the development of effector/memory T lymphocytes. *iScience*, 24(7), 102761.

Nakazawa Y, et al. (2021) Tumor-derived extracellular vesicles regulate tumor-infiltrating regulatory T cells via the inhibitory immunoreceptor CD300a. *eLife*, 10.

Abusarah J, et al. (2021) Engineering immunoproteasome-expressing mesenchymal stromal cells: A potent cellular vaccine for lymphoma and melanoma in mice. *Cell reports. Medicine*, 2(12), 100455.

Sacchetti A, et al. (2021) Phenotypic plasticity underlies local invasion and distant metastasis in colon cancer. *eLife*, 10.

Bilate AM, et al. (2020) T Cell Receptor Is Required for Differentiation, but Not Maintenance, of Intestinal CD4⁺ Intraepithelial Lymphocytes. *Immunity*, 53(5), 1001.