

Resource Summary Report

Generated by [RRID](#) on Sep 7, 2026

CD44 Monoclonal Antibody (IM7), eBioscience

RRID:AB_467246

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# 14-0441-82, RRID:AB_467246

Antibody Information

URL: http://antibodyregistry.org/AB_467246

Proper Citation: Thermo Fisher Scientific Cat# 14-0441-82, RRID:AB_467246

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow, Functional, ICC/IF, IHC, IP, WB
Consolidation on 1/2020: AB_467246, AB_10129023
Validation: data for WB is available from YCharOS.
<https://doi.org/10.5281/zenodo.4730966>

Antibody Name: CD44 Monoclonal Antibody (IM7), eBioscience

Description: This monoclonal targets CD44

Target Organism: mouse, human

Clone ID: Clone IM7

Antibody ID: AB_467246

Vendor: Thermo Fisher Scientific

Catalog Number: 14-0441-82

Record Creation Time: 20231110T080730+0000

Record Last Update: 20260901T045033+0000

Ratings and Alerts

- Head to head comparison of available commercial antibodies against CD44 antigen using a knockout cell line by immunoblot (Western blot), immunoprecipitation and immunofluorescence. - YCHarOS <https://doi.org/10.5281/zenodo.4730966>

No alerts have been found for CD44 Monoclonal Antibody (IM7), eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Wang Q, et al. (2026) Serglycin Drives LAG3+ Treg Differentiation and Immunosuppression in Gastric Cancer. Cancer research, 86(10), 2395.

Peng Z, et al. (2026) Prior high fiber intake impinges on the cellular responses of mesenteric adipose and intestinal tissues to subsequent high fat feeding. Cell reports, 45(1), 116801.

Yang J, et al. (2026) BMSC-Derived Exosomal miR-21a-5p Ameliorates Blood-Brain Barrier Injury and Hemorrhagic Transformation. Molecular neurobiology, 63(1), 351.

Dang K, et al. (2025) Mesenchymal Hippo signaling regulates intestinal homeostasis in adult mice. iScience, 28(2), 111847.

Rasbach E, et al. (2025) Targeting the tumor cell-intrinsic ITGB2 axis inhibits melanoma progression. Molecular cancer, 24(1), 310.

Tan Z, et al. (2024) Progenitor-like cells contributing to cellular heterogeneity in the nucleus pulposus are lost in intervertebral disc degeneration. Cell reports, 43(6), 114342.

Berryer MH, et al. (2023) Robust induction of functional astrocytes using NGN2 expression in human pluripotent stem cells. iScience, 26(7), 106995.

Cotton JL, et al. (2022) PTEN and LKB1 are differentially required in Gli1-expressing mesenchymal cells to suppress gastrointestinal polyposis. Cell reports, 40(3), 111125.

Ulrich ND, et al. (2022) Cellular heterogeneity of human fallopian tubes in normal and hydrosalpinx disease states identified using scRNA-seq. Developmental cell, 57(7), 914.

Samborska B, et al. (2022) Creatine transport and creatine kinase activity is required for CD8+ T cell immunity. Cell reports, 38(9), 110446.

Kuonen F, et al. (2021) c-FOS drives reversible basal to squamous cell carcinoma transition. Cell reports, 37(1), 109774.

Koren N, et al. (2021) Maturation of the neonatal oral mucosa involves unique epithelium-microbiota interactions. *Cell host & microbe*, 29(2), 197.

Kozawa K, et al. (2021) The CD44/COL17A1 pathway promotes the formation of multilayered, transformed epithelia. *Current biology : CB*, 31(14), 3086.

Li Q, et al. (2020) Lats1/2 Sustain Intestinal Stem Cells and Wnt Activation through TEAD-Dependent and Independent Transcription. *Cell stem cell*, 26(5), 675.

Roy DG, et al. (2020) Methionine Metabolism Shapes T Helper Cell Responses through Regulation of Epigenetic Reprogramming. *Cell metabolism*, 31(2), 250.

Hu Z, et al. (2020) The Repertoire of Serous Ovarian Cancer Non-genetic Heterogeneity Revealed by Single-Cell Sequencing of Normal Fallopian Tube Epithelial Cells. *Cancer cell*, 37(2), 226.

Cotton JL, et al. (2017) YAP/TAZ and Hedgehog Coordinate Growth and Patterning in Gastrointestinal Mesenchyme. *Developmental cell*, 43(1), 35.