

Resource Summary Report

Generated by [RRID](#) on Aug 9, 2026

MMP-2 (D4M2N) Rabbit mAb

RRID:AB_2799191

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 40994, RRID:AB_2799191

Antibody Information

URL: http://antibodyregistry.org/AB_2799191

Proper Citation: Cell Signaling Technology Cat# 40994, RRID:AB_2799191

Target Antigen: MMP2

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC

Antibody Name: MMP-2 (D4M2N) Rabbit mAb

Description: This monoclonal targets MMP2

Target Organism: h

Clone ID: Clone D4M2N

Antibody ID: AB_2799191

Vendor: Cell Signaling Technology

Catalog Number: 40994

Record Creation Time: 20250820T012933+0000

Record Last Update: 20250820T110441+0000

Ratings and Alerts

No rating or validation information has been found for MMP-2 (D4M2N) Rabbit mAb.

No alerts have been found for MMP-2 (D4M2N) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Chang J, et al. (2025) Single-cell multi-stage spatial evolutionary map of esophageal carcinogenesis. *Cancer cell*, 43(3), 380.

Beal JR, et al. (2025) Human Decidual RUNX1 Promotes Angiogenesis and Trophoblast Differentiation by Regulating Extracellular Vesicle Signaling. *Endocrinology*, 166(10).

Barish ME, et al. (2025) Chlorotoxin-directed CAR T cell therapy for recurrent glioblastoma: Interim clinical experience demonstrating feasibility and safety. *Cell reports. Medicine*, 6(8), 102302.

Zhou J, et al. (2025) Development of apical out trophoblast stem cell derived organoids to model early human pregnancy. *iScience*, 28(3), 112099.

Xie H, et al. (2024) Cell-Membrane-Coated Metal-Organic Framework Nanocarrier Combining Chemodynamic Therapy for the Inhibition of Hepatocellular Carcinoma Proliferation. *Pharmaceutics*, 16(5).

Ren L, et al. (2024) CircZNF609/miR-324-5p/voltage-dependent anion channel 1 axis promotes malignant progression of ovarian cancer cells. *iScience*, 27(11), 110861.

Cao L, et al. (2024) Reprogramming of fibroblasts into cancer-associated fibroblasts via IGF2-mediated autophagy promotes metastasis of lung cancer cells. *iScience*, 27(12), 111269.

Chen X, et al. (2024) Resveratrol, a novel inhibitor of fatty acid binding protein 5, inhibits cervical cancer metastasis by suppressing fatty acid transport into nucleus and downstream pathways. *British journal of pharmacology*, 181(11), 1614.

Karvas RM, et al. (2023) 3D-cultured blastoids model human embryogenesis from pre-implantation to early gastrulation stages. *Cell stem cell*, 30(9), 1148.

Delbrouck C, et al. (2023) Formate promotes invasion and metastasis in reliance on lipid metabolism. *Cell reports*, 42(9), 113034.

Wang Y, et al. (2023) Establishment of bovine trophoblast stem cells. *Cell reports*, 42(5), 112439.

Ma Q, et al. (2022) Extracellular Vesicles Secreted by Mouse Decidual Cells Carry Critical Information for the Establishment of Pregnancy. *Endocrinology*, 163(12).

Tan JP, et al. (2022) Establishment of human induced trophoblast stem cells via reprogramming of fibroblasts. *Nature protocols*, 17(12), 2739.

Wang X, et al. (2022) Succinylation Inhibits the Enzymatic Hydrolysis of the Extracellular Matrix Protein Fibrillin 1 and Promotes Gastric Cancer Progression. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 9(27), e2200546.

Li HB, et al. (2022) METTL14-mediated epitranscriptome modification of MN1 mRNA promote tumorigenicity and all-trans-retinoic acid resistance in osteosarcoma. *EBioMedicine*, 82, 104142.

Ma W, et al. (2022) Patient-derived microphysiological model identifies the therapeutic potential of metformin for thoracic aortic aneurysm. *EBioMedicine*, 81, 104080.

Karvas RM, et al. (2022) Stem-cell-derived trophoblast organoids model human placental development and susceptibility to emerging pathogens. *Cell stem cell*, 29(5), 810.

N??chel J, et al. (2021) An mTORC1-GRASP55 signaling axis controls unconventional secretion to reshape the extracellular proteome upon stress. *Molecular cell*, 81(16), 3275.

Ji XL, et al. (2019) Sodium cantharidate targets STAT3 and abrogates EGFR inhibitor resistance in osteosarcoma. *Aging*, 11(15), 5848.