

Resource Summary Report

Generated by SPARC SAWG on Aug 23, 2026

MMP13 antibody

RRID:AB_2144858

Type: Antibody

Proper Citation

Proteintech Cat# 18165-1-AP, RRID:AB_2144858

Antibody Information

URL: http://antibodyregistry.org/AB_2144858

Proper Citation: Proteintech Cat# 18165-1-AP, RRID:AB_2144858

Target Antigen: MMP13

Host Organism: rabbit

Clonality: polyclonal

Comments: Originating manufacturer of this product.

Applications: WB, IP, IHC, IF, ELISA

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: MMP13 antibody

Description: This polyclonal targets MMP13

Target Organism: rat, mouse, rabbit, zebrafish, human

Antibody ID: AB_2144858

Vendor: Proteintech

Catalog Number: 18165-1-AP

Record Creation Time: 20250819T232145+0000

Record Last Update: 20250820T050645+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for MMP13 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Wu O, et al. (2026) METTL3 regulates ?-KG-dependent mitophagy and apoptosis in nucleus pulposus cells through the MALAT1/miR-23c/IDH1 axis. Cell reports, 45(1), 116793.

Tian K, et al. (2026) METTL3-mediated fibroblast-like synoviocytes senescence promotes temporomandibular joint osteoarthritis progression. Communications biology, 9(1).

Qin H, et al. (2026) Semaglutide ameliorates osteoarthritis progression through a weight loss-independent metabolic restoration mechanism. Cell metabolism, 38(3), 582.

Li L, et al. (2025) A bladder-blood immune barrier constituted by suburothelial perivascular macrophages restrains uropathogen dissemination. Immunity, 58(3), 568.

Wu S, et al. (2025) Merlin controls limb development and thumb formation by regulating primary cilium-hedgehog signaling. Cell reports, 44(6), 115849.

Kan T, et al. (2024) Matrix stiffness aggravates osteoarthritis progression through H3K27me3 demethylation induced by mitochondrial damage. iScience, 27(8), 110507.

Zhao J, et al. (2024) AP39 through AMPK-ULK1-FUNDC1 pathway regulates mitophagy, inhibits pyroptosis, and improves doxorubicin-induced myocardial fibrosis. iScience, 27(4), 109321.

Wei X, et al. (2024) A human organoid drug screen identifies ?2-adrenergic receptor signaling as a therapeutic target for cartilage regeneration. Cell stem cell, 31(12), 1813.

Ye H, et al. (2023) Focused low-intensity pulsed ultrasound alleviates osteoarthritis via restoring impaired FUNDC1-mediated mitophagy. iScience, 26(10), 107772.

Li Y, et al. (2023) Therapeutic Effect of Acupotomy at Sanheyang for Cartilage Collagen Damage in Moderate Knee Osteoarthritis: A Rabbit Model. *Journal of inflammation research*, 16, 2241.

Tang Y, et al. (2023) ALKBH5-mediated m6A demethylation of HS3ST3B1-IT1 prevents osteoarthritis progression. *iScience*, 26(10), 107838.

Tang Y, et al. (2023) METTL3-mediated m6A modification of IGFBP7-OT promotes osteoarthritis progression by regulating the DNMT1/DNMT3a-IGFBP7 axis. *Cell reports*, 42(6), 112589.

Li Y, et al. (2022) Gastrocnemius Muscle Injury Is the Condition to Induce Cartilage Degeneration of the Rabbit Tibiofemoral Joint: A New Perspective. *BioMed research international*, 2022, 7532434.

Wang Q, et al. (2018) Postnatal deletion of Alk5 gene in meniscal cartilage accelerates age-dependent meniscal degeneration in mice. *Journal of cellular physiology*, 234(1), 595.