

Resource Summary Report

Generated by [RRID](#) on Aug 13, 2026

Collagen II antibody

RRID:AB_731688

Type: Antibody

Proper Citation

Abcam Cat# ab34712, RRID:AB_731688

Antibody Information

URL: http://antibodyregistry.org/AB_731688

Proper Citation: Abcam Cat# ab34712, RRID:AB_731688

Target Antigen: Collagen II antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ELISA, ICC/IF, IHC-P, IP, WB; Immunocytochemistry; Immunoprecipitation; ELISA; Immunohistochemistry - fixed; Immunofluorescence; Immunohistochemistry; Western Blot

Antibody Name: Collagen II antibody

Description: This polyclonal targets Collagen II antibody

Target Organism: chicken, cow, chicken/bird, mouse, bovine, human

Antibody ID: AB_731688

Vendor: Abcam

Catalog Number: ab34712

Record Creation Time: 20250820T064752+0000

Record Last Update: 20250821T005640+0000

Ratings and Alerts

No rating or validation information has been found for Collagen II antibody.

No alerts have been found for Collagen II antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Qin W, et al. (2026) Small-molecule enhancement of METTL3 S-palmitoylation as a therapeutic strategy for osteoarthritis. *Cell reports*, 45(3), 116993.

Chen S, et al. (2026) Preservation of chondrocyte microspheroids by local sustained hydrogen supply improves osteoarthritic cartilage repair. *Cell stem cell*, 33(5), 837.

Jiang J, et al. (2026) GPNMB+ macrophages promote osteogenic differentiation of nucleus pulposus cells through PDGF signaling in intervertebral disc degeneration. *Cell reports. Medicine*, 7(7), 102886.

Ambrosi TH, et al. (2025) Human skeletal development and regeneration are shaped by functional diversity of stem cells across skeletal sites. *Cell stem cell*, 32(5), 811.

Ayd?n ?im?ek ?, et al. (2025) The power of tendon autograft in osteochondral defects: one step closer to hyaline cartilage. *Journal of orthopaedic surgery and research*, 20(1), 958.

Pinto-Cardoso R, et al. (2025) HIF-1? Stabilization Hampers the Chondrogenic Differentiation of Aged Bone Marrow Mesenchymal Stem Cells by Adenosine A2A/A2B Receptors Imbalance. *ACS pharmacology & translational science*, 8(7), 2075.

Wang Y, et al. (2024) Gene module reconstruction identifies cellular differentiation processes and the regulatory logic of specialized secretion in zebrafish. *Developmental cell*.

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.

Keeble AR, et al. (2024) CSF1-R inhibition attenuates posttraumatic osteoarthritis and quadriceps atrophy following ligament injury. *The Journal of physiology*.

Wei J, et al. (2023) Bioengineered human tissue regeneration and repair using endogenous stem cells. *Cell reports. Medicine*, 4(8), 101156.

Kim JH, et al. (2023) Integrative analysis of single-cell RNA-seq and ATAC-seq reveals heterogeneity of induced pluripotent stem cell-derived hepatic organoids. *iScience*, 26(9), 107675.

Kong K, et al. (2023) Mechanical overloading leads to chondrocyte degeneration and senescence via Zmpste24-mediated nuclear membrane instability. *iScience*, 26(11), 108119.

Huang Q, et al. (2023) Inactivation of Cops5 in Smooth Muscle Cells Causes Abnormal Reproductive Hormone Homeostasis and Development in Mice. *Endocrinology*, 164(6).

Li B, et al. (2023) CircStrn3 targeting microRNA-9-5p is involved in the regulation of cartilage degeneration and subchondral bone remodelling in osteoarthritis. *Bone & joint research*, 12(1), 33.

Hsieh CC, et al. (2023) Wnt antagonism without TGF β induces rapid MSC chondrogenesis via increasing AJ interactions and restricting lineage commitment. *iScience*, 26(1), 105713.

Lei B, et al. (2022) Co-culture with Sirt1-overexpressed chondrocytes delays the nucleus pulposus cells degeneration. *Cell and tissue banking*, 23(1), 57.

Wang X, et al. (2022) Genomic G-quadruplex folding triggers a cytokine-mediated inflammatory feedback loop to aggravate inflammatory diseases. *iScience*, 25(11), 105312.

Yu XJ, et al. (2022) Bone Marrow Mesenchymal Stem Cell-Derived Extracellular Vesicles Carrying circ_0050205 Attenuate Intervertebral Disc Degeneration. *Oxidative medicine and cellular longevity*, 2022, 8983667.

Parada C, et al. (2022) Mechanical feedback defines organizing centers to drive digit emergence. *Developmental cell*, 57(7), 854.

Liu Y, et al. (2022) Construction of tissue-engineered nucleus pulposus by stimulation with periodic mechanical stress and BMP-2. *iScience*, 25(6), 104405.