

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

COL2A1 (M2139)

RRID:AB_2082344

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-52658, RRID:AB_2082344

Antibody Information

URL: http://antibodyregistry.org/AB_2082344

Proper Citation: Santa Cruz Biotechnology Cat# sc-52658, RRID:AB_2082344

Target Antigen: COL2A1

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P)

Antibody Name: COL2A1 (M2139)

Description: This monoclonal targets COL2A1

Target Organism: rat, mouse, human

Clone ID: M2139

Antibody ID: AB_2082344

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-52658

Record Creation Time: 20250820T020827+0000

Record Last Update: 20250820T124802+0000

Ratings and Alerts

No rating or validation information has been found for COL2A1 (M2139).

No alerts have been found for COL2A1 (M2139).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Guo H, et al. (2026) MAVS signaling exacerbates chondrocytes extracellular matrix degradation in osteoarthritis. Cell reports, 45(1), 116778.

Wu Z, et al. (2025) The p75 neurotrophin receptor controls the skeletal stem cell niche through sensory innervation. Developmental cell.

Chen W, et al. (2024) Cbf β regulates Wnt/ β -catenin, Hippo/Yap, and TGF β signaling pathways in articular cartilage homeostasis and protects from ACLT surgery-induced osteoarthritis. bioRxiv : the preprint server for biology.

Chen W, et al. (2024) Cbf β regulates Wnt/ β -catenin, Hippo/Yap, and Tgf β signaling pathways in articular cartilage homeostasis and protects from ACLT surgery-induced osteoarthritis. eLife, 13.

Sun P, et al. (2024) Generation of self-renewing neuromesodermal progenitors with neuronal and skeletal muscle bipotential from human embryonic stem cells. Cell reports methods, 4(11), 100897.

Takeuchi K, et al. (2023) Incorporation of human iPSC-derived stromal cells creates a pancreatic cancer organoid with heterogeneous cancer-associated fibroblasts. Cell reports, 42(11), 113420.

Deng Z, et al. (2023) Temporal transcriptome features identify early skeletal commitment during human epiphysis development at single-cell resolution. iScience, 26(8), 107200.