

Resource Summary Report

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

Collagen I antibody

RRID:AB_731684

Type: Antibody

Proper Citation

Abcam Cat# ab34710, RRID:AB_731684

Antibody Information

URL: http://antibodyregistry.org/AB_731684

Proper Citation: Abcam Cat# ab34710, RRID:AB_731684

Target Antigen: Collagen I antibody

Host Organism: rabbit

Clonality: polyclonal

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

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: Collagen I antibody

Description: This polyclonal targets Collagen I antibody

Target Organism: rat, cow, goat, horse, mouse, bovine, human

Antibody ID: AB_731684

Vendor: Abcam

Catalog Number: ab34710

Record Creation Time: 20250820T011424+0000

Record Last Update: 20250820T102402+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 Collagen I antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 131 mentions in open access literature.

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

Dai Y, et al. (2026) Silencing the fibronectin gene (FN1) improves NaCl-induced cardiac fibrosis via ferritinophagy-mediated ferroptosis in a nuclear receptor coactivator 4 (NCOA4)-dependent manner. British journal of pharmacology, 183(3), 581.

Liu Y, et al. (2026) Human PSC-derived organoids model sympathetic ganglion development and its functional crosstalk with the heart. Cell stem cell, 33(1), 29.

Dolci S, et al. (2026) Tumor-associated macrophages enhance peripheral nerve tumor infiltration and spinal cord repair. Immunity, 59(2), 438.

Sun Z, et al. (2026) A pig model of human radiation-induced veno-occlusive liver disease reveals ferroptosis as a therapeutic target. Cell reports. Medicine, 7(5), 102745.

Branco MA, et al. (2026) Modeling embryonic heart vascular plexus development and sympathetic innervation on a human heart organoid. iScience, 29(3), 115071.

Laforêts F, et al. (2026) Matrix structure and microenvironment dynamics correlate with chemotherapy response in ovarian cancer. iScience, 29(3), 114858.

Efraim Y, et al. (2026) Topical rewetting restores the autoimmune-damaged corneal stroma. iScience, 29(6), 116130.

Zhang LT, et al. (2025) Myocardial composition and contractile function of right atrial trabeculae from type 2 diabetic and nondiabetic male patients. Physiological reports, 13(15), e70509.

Aijaz A, et al. (2025) A bio-instructive, bioactive in situ polymerizable wound matrix promotes scar-free burn wound repair. iScience, 28(5), 112471.

Bost P, et al. (2025) Statistical modeling and analysis of cell counts from multiplexed imaging data. *Cell systems*, 16(6), 101296.

Ye H, et al. (2025) Distinct fibroblast assemblies establish scarless regeneration. *Cell reports*, 45(1), 116767.

Kimura T, et al. (2025) Extracellular vesicles of cancer cells induce FOXP3+ fibroblasts and facilitate tumor invasion via the Wnt3- β -catenin pathway. *Oncogene*.

Redhead C, et al. (2025) The matricellular protein ADAMTS-like 2 regulates differentiation of skeletal muscle-resident fibro-adipogenic progenitor cells. *iScience*, 28(6), 112712.

Nam JK, et al. (2025) Combined HIF-1 α blockade and CHIR99021 treatment reverses pulmonary fibrosis via modulation endothelial-to-mesenchymal transition. *iScience*, 28(12), 114028.

Lv Z, et al. (2024) Alveolar regeneration by airway secretory-cell-derived p63+ progenitors. *Cell stem cell*, 31(11), 1685.

Zhao R, et al. (2024) Sustained amphiregulin expression in intermediate alveolar stem cells drives progressive fibrosis. *Cell stem cell*, 31(9), 1344.

Sbrana F, et al. (2024) Label-free three-dimensional imaging and quantitative analysis of living fibroblasts and myofibroblasts by holotomographic microscopy. *Microscopy research and technique*, 87(11), 2757.

Gill HK, et al. (2024) Hox gene activity directs physical forces to differentially shape chick small and large intestinal epithelia. *Developmental cell*, 59(21), 2834.

Vanhoutte D, et al. (2024) Thbs1 regulates skeletal muscle mass in a TGF β -Smad2/3-ATF4-dependent manner. *Cell reports*, 43(5), 114149.

Guo J, et al. (2024) Inhibition of CD44 suppresses the formation of fibrotic scar after spinal cord injury via the JAK2/STAT3 signaling pathway. *iScience*, 27(2), 108935.