

Mouse Collagen III Monoclonal Antibody

Collagen III Monoclonal Antibody

CATALOG # AAA171590	HOST Mouse	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
-------------------------------	----------------------	--	---

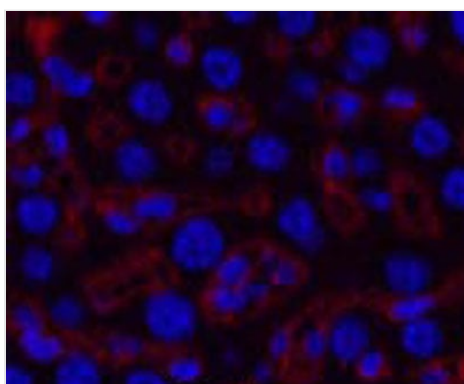
PRODUCT SYNONYMS

Collagen III; Monoclonal Antibody; Collagen III Monoclonal Antibody; COL3A1; Collagen alpha-1(III) chain; anti-Collagen III antibody

PRODUCT SPECIFICATIONS

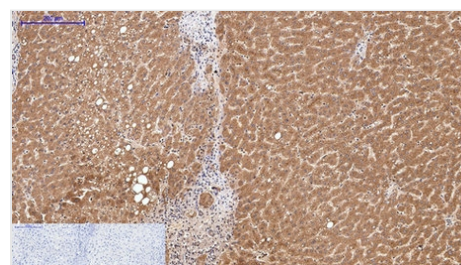
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG
Clone Number	5G2
Purity/Purification	Protein A purification
Form/Format	PBS with 0.02% sodium azide and 50% glycerol pH7.4.
Applicable Applications for anti-Collagen III antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide
Note	Centrifuge before opening to ensure complete recovery of vial contents.
Preparation and Storage	Store at -20°C. Avoid freeze / thaw cycles.

IMAGES



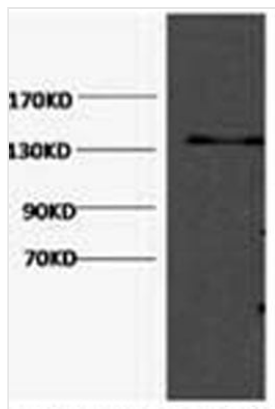
IF (Immunofluorescence)

Immunofluorescence analysis of Mouse liver tissue using Collagen III Monoclonal Antibody at dilution of 1:200.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin embedded Human liver tissue using COL3A1 Monoclonal Antibody at dilution of 1:200.



WB (Western Blot)

Western Blot analysis of HeLa cells using COL3A1 Monoclonal Antibody at dilution of 1:1000.

ADDITIONAL INFORMATION

Related Product Information for anti-Collagen III antibody

Background: This gene encodes the pro-alpha1 chains of type III collagen, a fibrillar collagen that is found in extensible connective tissues such as skin, lung, uterus, intestine and the vascular system, frequently in association with type I collagen. Mutations in this gene are associated with Ehlers-Danlos syndrome types IV, and with aortic and arterial aneurysms. Two transcripts, resulting from the use of alternate polyadenylation signals, have been identified for this gene.

Product Categories/Family for anti-Collagen III antibody

[Stem cells](#); [Epigenetics](#)

NCBI AND UNIPROT INFORMATION

UniProt Accession

[P02461](#)

Molecular Weight

Calculated MW: 139kDa
Observed MW: 138kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/collagen-iii-antibody-clone-5g2-immunofluorescence-immunohistochemistry-western-blot-elisa/171590>