

Mouse Collagen III Monoclonal Antibody | anti-COL3A1 antibody

Collagen III Monoclonal Antibody (Q76)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320442	Mouse	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

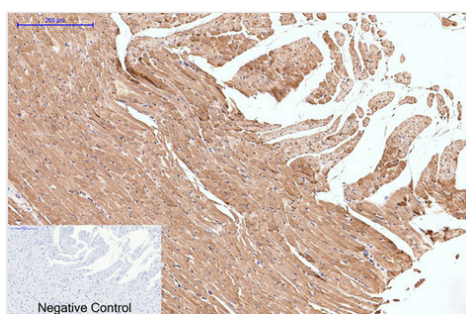
PRODUCT SYNONYMS

Collagen III; Monoclonal Antibody; Collagen III Monoclonal Antibody (Q76); Collagen alpha-1(III) chain; COL3A1; anti-COL3A1 antibody

PRODUCT SPECIFICATIONS

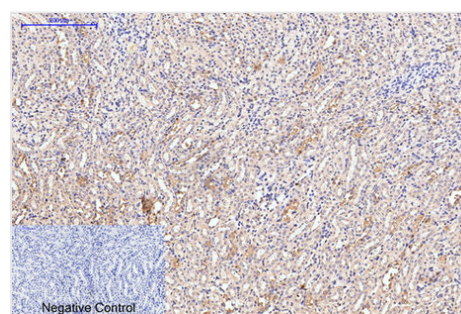
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	Q76
Specificity	The antibody detects endogenous Collagen III protein.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-COL3A1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide of Collagen III
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



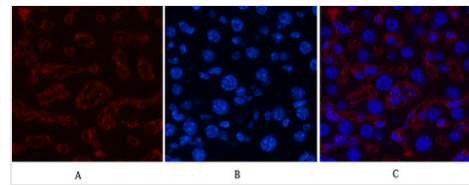
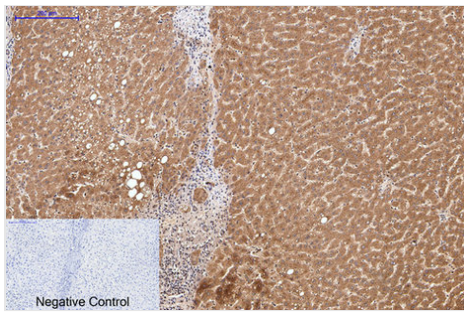
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-liver tissue. 1.Collagen III Monoclonal Antibody(Q76) was diluted at 1:200(4 degree C.overnight). 2. Sodium citrate pH 6.0 was used for antibody retrieval(>98 degree C.20min). 3.Secondary antibody was diluted at 1:200(room temperature. 30min). Negative control was used by secondary antibody only.



WB (Western Blot)

Western blot analysis of lysates from 1) MCF7. 2) HeLa. 3) 293T cells. ?Green? primary antibody was diluted at 1:1000. 4 degree over night. secondary antibodywas diluted at 1:10000. 37 degree 1hour. ?Red? Actin ? Polyclonal Antibody antibody was diluted at 1:5000 as loading control. 4 degree over night.secondary antibodywas diluted at 1:10000. 37 degree 1hour.



WB (Western Blot)
Western blot analysis of Hela. diluted at 1:1000.

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Western blot analysis of lysates from 1) MCF7. 2) Hela. 3) 293T cells. (Green) primary antibody was diluted at 1:1000. 4 degree over night. secondary antibody was diluted at 1:10000. 37 degree 1hour. (Red) Actin ? Polyclonal Antibody antibody was diluted at 1:5000 as loading control. 4 degree over night. secondary antibody was diluted at 1:10000. 37 degree 1hour.

ADDITIONAL INFORMATION

Related Product Information for anti-COL3A1 antibody	collagen type III alpha 1 chain(COL3A1) Homo sapiens 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. [provided by R. Dalglish, Feb 2008]
Product Categories/Family for anti-COL3A1 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502951
NCBI GeneID	1281
NCBI Accession #	NP_000081.1
NCBI GenBank Nucleotide #	NM_000090.3
UniProt Accession #	P02461 ; P78429 ; Q15112 ; Q16403 ; Q53S91 ; Q541P8 ; Q6LDB3 ; Q6LDJ2 ; Q6LDJ3 ; Q7KZ56 ; Q8N6U4 ; D3DPH4
Molecular Weight	138,564 Da
NCBI Official Full Name	collagen alpha-1(III) chain preproprotein
NCBI Official Synonym Full Names	collagen, type III, alpha 1
NCBI Official Symbol	COL3A1
NCBI Official Synonym Symbols	EDS4A
NCBI Protein Information	collagen alpha-1(III) chain; collagen alpha-1(III) chain; collagen, fetal; alpha1 (III) collagen; Ehlers-Danlos syndrome type IV, autosomal dominant
UniProt Protein Name	Collagen alpha-1(III) chain
UniProt Gene Name	COL3A1
UniProt Entry Name	CO3A1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/collagen-iii-antibody-clone-q76-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320442>