

Collagen III Mouse Monoclonal Antibody(Q76)

Catalog No: #38065



Package Size: #38065-1 50ul #38065-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

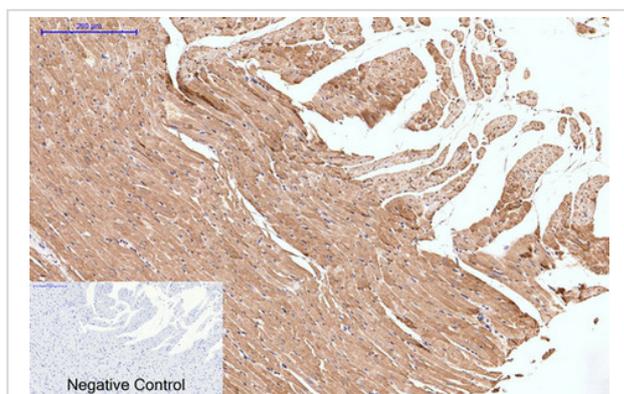
Description

Product Name	Collagen III Mouse Monoclonal Antibody(Q76)
Host Species	Mouse
Clonality	Monoclonal
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Applications	IHC;IF
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous Collagen III protein.
Immunogen Description	Synthetic Peptide of Collagen III
Conjugates	Unconjugated
Target Name	Collagen III
Other Names	CO3A1; COL3A1; Collagen alpha-1(III) chain; collagen, fetal;
Accession No.	Swiss-Prot#:P02461
Calculated MW	138kDa
Concentration	1.0mg/ml
Formulation	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C

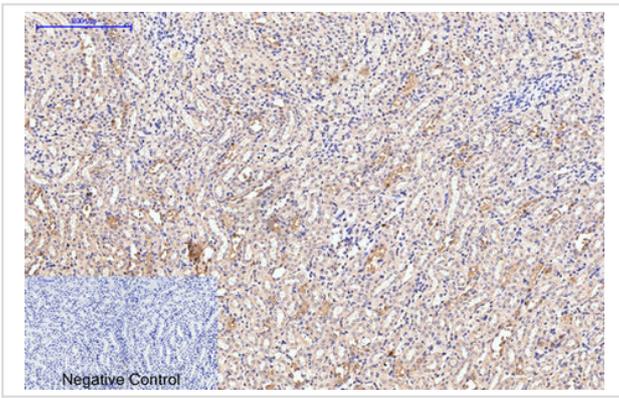
Application Details

IHC 1:50-300; IF 1:200

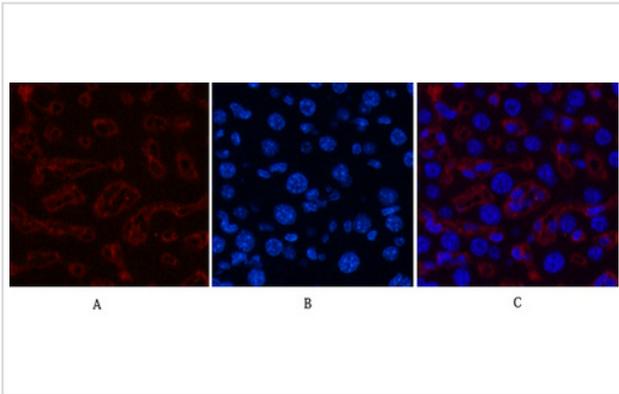
Images



Immunohistochemical analysis of paraffin-embedded Rat-heart tissue.



Immunohistochemical analysis of paraffin-embedded Mouse-kidney tissue.



Immunofluorescence analysis of Mouse-liver tissue.

Background

Collagen alpha-1(III) chain is a fibrillar collagen that is found in extensible connective tissues such as skin, lung, and the vascular system, frequently in association with type I collagen.

Published Papers

et al., TGF β 1 mediated Smad signaling pathway and EMT in hepatic fibrosis induced by Nano NiO in vivo and in vitro. In *Environ Toxicol* on 2020 Apr by Zhang Q, Chang X, et al.. PMID: 31737983, (2020)

[PMID:31737983](https://pubmed.ncbi.nlm.nih.gov/31737983/)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.