

**Collagen III Monoclonal Antibody(Q76)**  
Catalog # AP63370

**Specification**

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**Collagen III Monoclonal Antibody(Q76) - Product Information**

Application	WB
Primary Accession	<a href="#">P02461</a>
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal

**Collagen III Monoclonal Antibody(Q76) - Additional Information**

**Gene ID** 1281

**Other Names**  
COL3A1; Collagen alpha-1(III) chain

**Dilution**  
WB~~WB: 1:1000 IF 1:200 IHC 1:50-300

**Format**  
PBS, pH 7.4, containing 0.09% (W/V) sodium azide as Preservative and 50% Glycerol.

**Storage Conditions**  
-20°C

**Collagen III Monoclonal Antibody(Q76) - Protein Information**

**Name** COL3A1

**Function**  
Collagen type III occurs in most soft connective tissues along with type I collagen. Involved in regulation of cortical development. Is the major ligand of ADGRG1 in the developing brain and binding to ADGRG1 inhibits neuronal migration and activates the RhoA pathway by coupling ADGRG1 to GNA13 and possibly GNA12.

**Cellular Location**  
Secreted, extracellular space, extracellular matrix {ECO:0000255|PROSITE-ProRule:PRU00793}

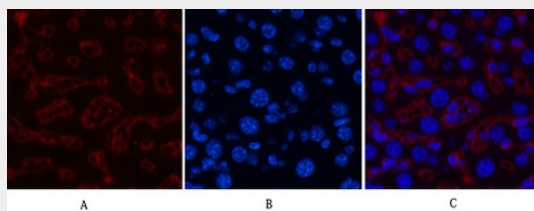
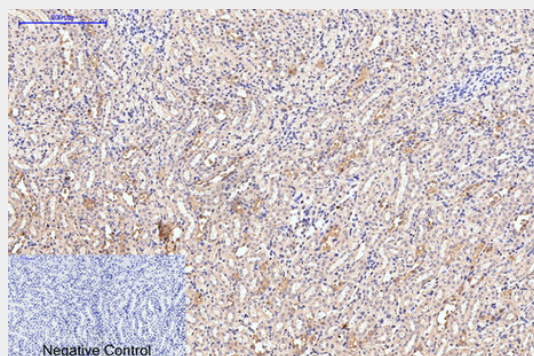
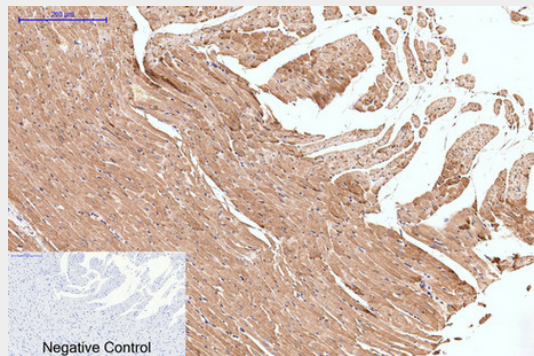
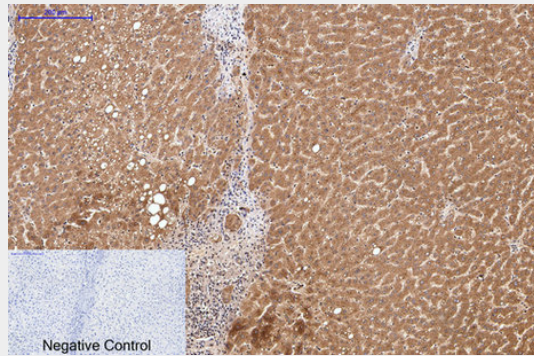
**Collagen III Monoclonal Antibody(Q76) - Protocols**

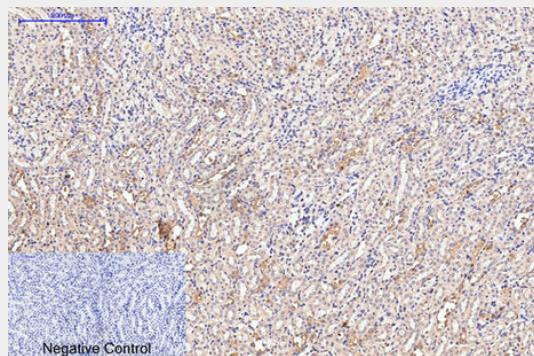
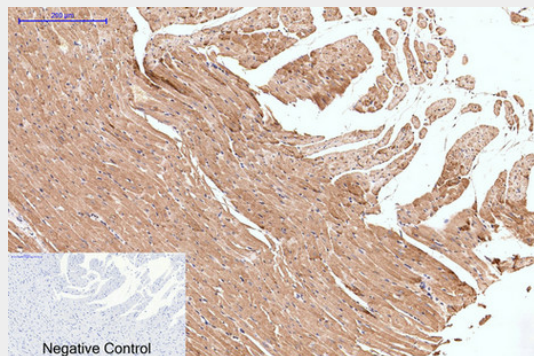
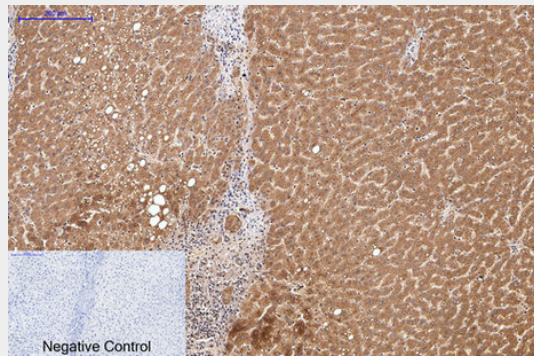
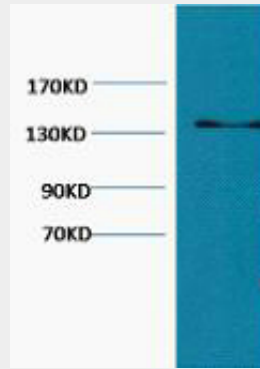
Provided below are standard protocols that you may find useful for product applications.

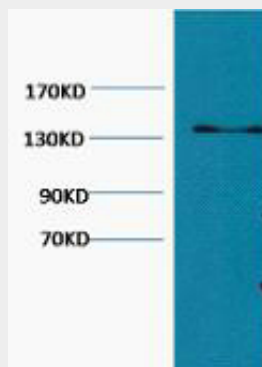
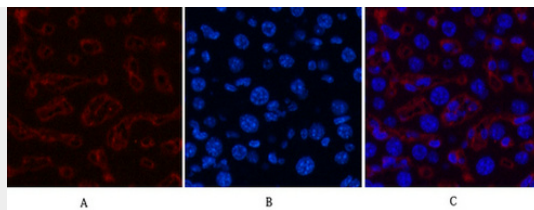
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- [Blocking Peptides](#)

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- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Collagen III Monoclonal Antibody(Q76) - Images







### Collagen III Monoclonal Antibody(Q76) - Background

Collagen type III occurs in most soft connective tissues along with type I collagen. Involved in regulation of cortical development. Is the major ligand of ADGRG1 in the developing brain and binding to ADGRG1 inhibits neuronal migration and activates the RhoA pathway by coupling ADGRG1 to GNA13 and possibly GNA12.