

## 39-1026: Anti-Collagen, Type III Monoclonal Antibody (Clone: FH-7A)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	FH-7A
<b>Application :</b>	WB,IHC-F
<b>Reactivity :</b>	Human
<b>Gene :</b>	Col3a1
<b>Gene ID :</b>	84032
<b>Uniprot ID :</b>	P13941
<b>Alternative Name :</b>	Collagen alpha-1(III) chain; Col3a1
<b>Isotype :</b>	Mouse IgG1
<b>Immunogen Information :</b>	Human collagen type III.

### Description

Collagen type III, also known as COL3A1, is assigned to chromosome 2. Ultrastructural analysis of tissues from mutant mice revealed that type III collagen is essential for normal collagen I fibrillogenesis in the cardiovascular system and other organs. Type III collagen is crucial for collagen I fibrillogenesis and for normal cardiovascular development.

### Product Info

<b>Amount :</b>	100 µg/vial
<b>Purification :</b>	Ascites
<b>Content :</b>	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN <sub>3</sub> as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
<b>Storage condition :</b>	At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

### Application Note

Western blot : 0.25-0.5 µg/ml; Immunohistochemistry(Frozen Section) : 0.5-1 µg/ml;

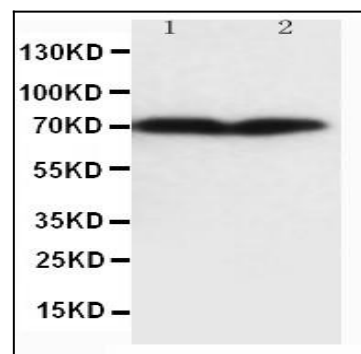


Figure 1: Anti-Collagen, Type III monoclonal antibody(39-1026). Western blotting :  
Lane 1: HT1080 Cell Lysate , Lane 2: COLO320 Cell Lysate.

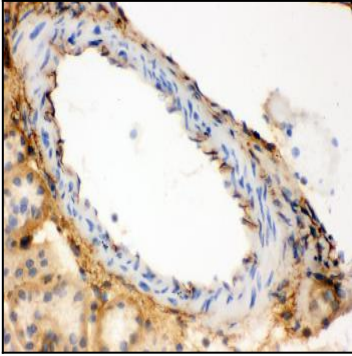


Figure 2: Anti-Collagen, Type III monoclonal antibody(39-1026). IHC(F): Mouse Kidney Tissue.