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

Clonality :	Monoclonal
Clone Name :	FH-7A
Application :	WB
Reactivity :	Human
Gene :	Col3a1
Gene ID :	84032
Uniprot ID :	P13941
Alternative Name :	Collagen alpha-1(III) chain; Col3a1
Isotype :	Mouse IgG1
Immunogen Information :	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

Amount :	100 µg/vial
Purification :	Ascites
Content :	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Storage condition :	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 : 0.25-0.5Î¼g/ml; Immunohistochemistry(Frozen Section) : 0.5-1Î¼g/ml;

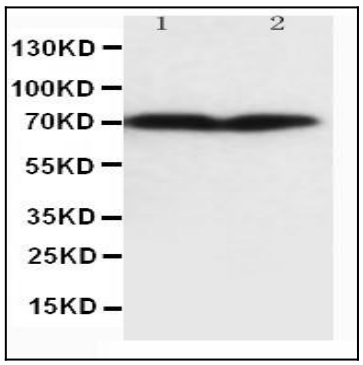

Figure 1: Anti-Collagen, Type III monoclonal antibody(39-1026). Western blotting : Lane 1: HT1080 Cell Lysate , Lane 2: COLO320 Cell Lysate.

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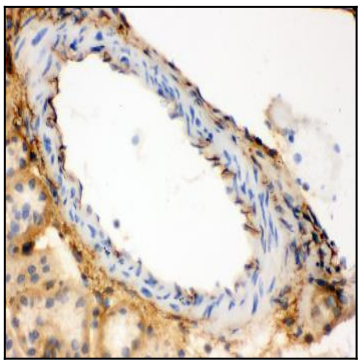

Figure 2: Anti-Collagen, Type III monoclonal antibody(39-1026). IHC(F): Mouse Kidney Tissue.

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