

# Product Datasheet

## Collagen III alpha 1/COL3A1 Antibody (FH-7A) NB600-451

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NB600-451**

Collagen III alpha 1/COL3A1 Antibody (FH-7A)

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	FH-7A
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Unpurified
Buffer	Ascites
Target Molecular Weight	139 kDa

Product Description	
Host	Mouse
Gene ID	1281
Gene Symbol	COL3A1
Species	Human, Mouse, Rat
Reactivity Notes	Not yet tested in other species. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
Specificity/Sensitivity	The antibody specifically recognizes native and denatured collagen type III. It does not recognize collagen types I, II, IV, V, VI and X.
Immunogen	This Collagen III alpha 1/COL3A1 Antibody (FH-7A) was developed against full-length human collagen type III.

Product Application Details	
Applications	Western Blot, Dot Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1:100 - 1:2000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, Immunohistochemistry-Frozen 1:4000, Dot Blot 1:100 - 1:2000

**Publications**

Chieffo A, Foglieni C, Nodari RL et al. Histopathology of clinical coronary restenosis in drug-eluting versus bare metal stents. Am J Cardiol 2009-12-15 [PMID: 19962471] (IHC-Fr, ICC/IF, Human)

Vidyasagar A, Reese SR, Hafez O et al. Tubular expression of heat-shock protein 27 inhibits fibrogenesis in obstructive nephropathy Kidney Int 2012-09-12 [PMID: 22971995] (WB, Mouse)





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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