BOSTER BIOLOGICAL TECHNOLOGY
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Anti-Collagen, Type III Col3a1 Antibody (Monoclonal, 35C74)

Catalog Number: M00788-3

About Col3a1

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.

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Overview

Product Name	Anti-Collagen, Type III Col3a1 Antibody (Monoclonal, 35C74)
Reactive Species	Human, Rat
Description	Boster Bio Anti-Collagen, Type III Col3a1 Antibody (Monoclonal, 35C74) catalog # M00788-3. Tested in IHC, WB applications. This antibody reacts with Human, Rat.
Application	IHC, WB
Clonality	Monoclonal 35C74
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P13941

Technical Details

Immunogen	Human collagen type III.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(F).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Mouse IgG1

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Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Western blot, 0.25-0.5ug/ml, Human, rat Immunohistochemistry (Frozen Section), 0.5-1ug/ml, Human, rat

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For Research Use Only. Not for use in diagnostic procedures.