

Anti-Collagen III Rabbit Monoclonal Antibody

Catalog Number: M00788-1

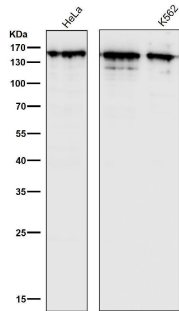
Overview

Product Name	Anti-Collagen III Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Collagen III Rabbit Monoclonal Antibody catalog # M00788-1. Tested in WB, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.
Application	Flow Cytometry, IP, IF, ICC, WB
Clonality	Monoclonal 26C74
Formulation	Rabbit IgG in stabilizing components, phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P02461

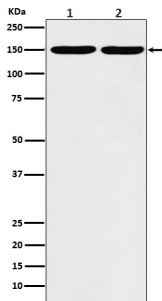
Technical Details

Immunogen	A synthesized peptide derived from Collagen III
Isotype	IgG
Form	Liquid
Concentration	0.5mg/ml
Purification	Affinity-chromatography
Suggested Dilutions	WB 1:500-2000 ICC/IF 1:50-200 IP 1:50 FC 1:50

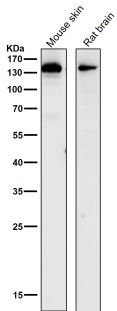
Anti-Collagen III Rabbit Monoclonal Antibody (M00788-1) Images



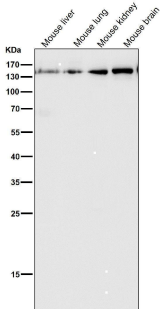
All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



Western blot analysis of Collagen III expression in (1) A431 cell lysate; (2) MCF7 cell lysate.

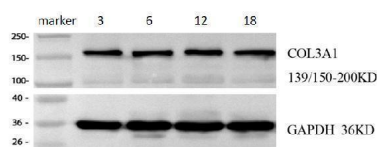


All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

Western blot analysis of Collagen III using anti-Collagen III antibody (M00788-1). Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 ug of sample under reducing conditions. Lane 1: cardiac tissue lysates from 3-month-old mice, Lane 2: cardiac tissue lysates from 6-month-old mice, Lane 3:



cardiac tissue lysates from 12-month-old mice, Lane 4: cardiac tissue lysates from 18-month-old mice. After electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. Blocked the membrane with 5% non-fat milk/TBS for 1.5 hour at RT. The membrane was incubated with rabbit anti-Collagen III antigen affinity purified polyclonal antibody (Catalog # M00788-1) at 1:2000 overnight at 4°C, then washed with TBS-0.1%Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:10000 for 1 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog # EK1002) with ChemiDoc MP system. A specific band was detected for Collagen III at approximately 139 kDa. The expected band size for Collagen III is at 138 kDa.

2 Publications Citing This Product

1. PubMed ID: 10.1016/S1995-7645(14)60097-3, Effect of Rougan Huaqian granules combined with human mesenchymal stem cell transplantation on liver fibrosis in cirrhosis rats.
2. PubMed ID: 10.1016/j.hlc.2016.01.022, MicroRNA-21 via Dysregulation of WW Domain-Containing Protein 1 Regulate Atrial Fibrosis in Atrial Fibrillation

Visit bosterbio.com/anti-collagen-iii-rabbit-monoclonal-antibody-m00788-1-boster.html to see all 2 publications.

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