

Anti-Collagen I COL1A1 Monoclonal Antibody

Catalog Number: M00329-1

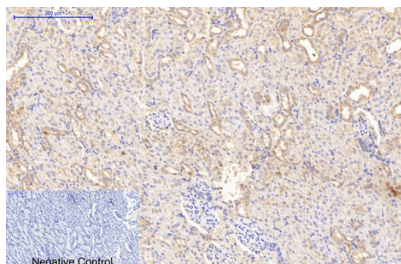
Overview

Product Name	Anti-Collagen I COL1A1 Monoclonal Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Collagen I COL1A1 Monoclonal Antibody catalog # M00329-1. Tested in IF, IHC-P, ICC applications. This antibody reacts with Human, Mouse, Rat.
Application	IF, IHC
Clonality	Monoclonal 1F12
Formulation	Liquid in PBS containing 50% glycerol, 0.5% stabilizing protein and 0.02% sodium azide. 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	Mouse
Uniprot ID	P02452

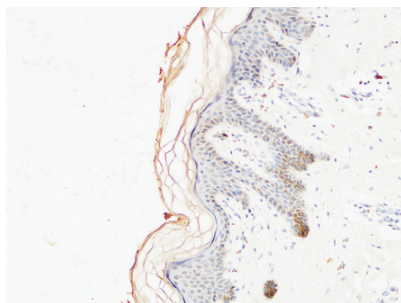
Technical Details

Immunogen	Synthetic Peptide of Collagen I
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml
Purification	The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads.
Suggested Dilutions	IF 1:50-200 IHC 1:50-300

Anti-Collagen I COL1A1 Monoclonal Antibody (M00329-1) Images



Immunohistochemical analysis of paraffin-embedded Rat-kidney tissue. 1, Collagen I Mouse Monoclonal Antibody (4H10) was diluted at 1:200 (4°C, overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval (>98°C, 20min). 3, Secondary antibody was diluted at 1:200 (room temperature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Human skin. 1, Antibody was diluted at 1:200 (4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3, Secondary antibody was diluted at 1:200 (room temperature, 30min).

6 Publications Citing This Product

1. PubMed ID: 31505422, Ge Y, Cheng R, Sun S, Zhang S, Li L, Jiang J, Yang C, Xuan X, Chen J. Fangxiao Formula alleviates airway inflammation and remodeling in rats with asthma via suppression of transforming growth factor -beta/Smad3 signaling pathway. *Biomed Pharmacother.* 2019 Nov;119:109429. doi:10.1016/j.biopha.2019.109429. Epub 2019 Sep 7. PMID:31505422.

2. PubMed ID: 33450323, Ma XL, Ding Y, Wu LM, Wang YX, Yao Y, Wang YX, Zhang YG, Niu JQ, He XX, Wang YQ. The glucagon-like peptide-1 (GLP-1) analog exenatide ameliorates intrauterine adhesions in mice. *Peptides.* 2021 Jan 12;137:170481. doi:10.1016/j.peptides.2020.170481. Epub ahead of print. P

3. PubMed ID: -, Nicotinamide Supplementation Attenuates Renal Interstitial Fibrosis via Boosting the Activity of Sirtuins. Xin Zhen, Shaowu Zhang, Feifei Xie, Miaomiao Zhou, Zheng Hu, Fengxin Zhu, Jing Nie

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