

Anti-MMP1 Rabbit Monoclonal Antibody Catalog # ABO13354

Specification

Anti-MMP1 Rabbit Monoclonal Antibody - Product Information

Application	WB, IHC, IF, ICC, FC
Primary Accession	P03956
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

Description

Anti-MMP1 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, Flow Cytometry applications. This antibody reacts with Human.

Anti-MMP1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 4312

Other Names

Interstitial collagenase, 3.4.24.7, Fibroblast collagenase, Matrix metalloproteinase-1, MMP-1, 22 kDa interstitial collagenase, 27 kDa interstitial collagenase, MMP1, CLG

Calculated MW

54007 MW KDa

Application Details

WB 1:500-1:2000
IHC 1:50-1:200
ICC/IF 1:50-1:200
FC 1:50

Subcellular Localization

Secreted, extracellular space, extracellular matrix.

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human MMP1

Purification

Affinity-chromatography

Storage

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.

Anti-MMP1 Rabbit Monoclonal Antibody - Protein Information

Name MMP1

Synonyms CLG

Function

Cleaves collagens of types I, II, and III at one site in the helical domain. Also cleaves collagens of types VII and X (PubMed:1645757, PubMed:2153297, PubMed:2557822). In case of HIV infection, interacts and cleaves the secreted viral Tat protein, leading to a decrease in neuronal Tat's mediated neurotoxicity (PubMed:16807369).

Cellular Location

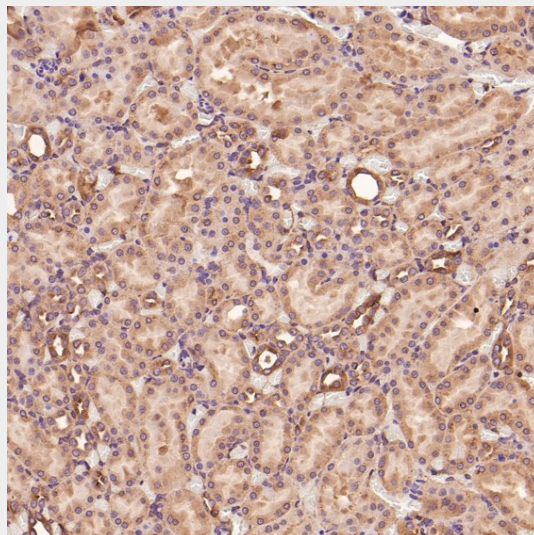
Secreted, extracellular space, extracellular matrix

Anti-MMP1 Rabbit Monoclonal Antibody - Protocols

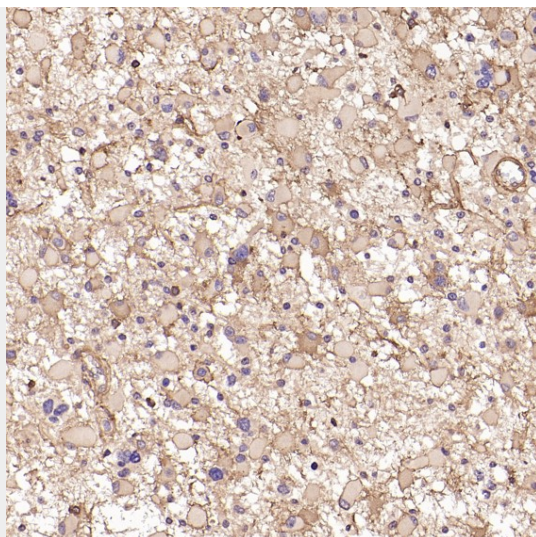
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

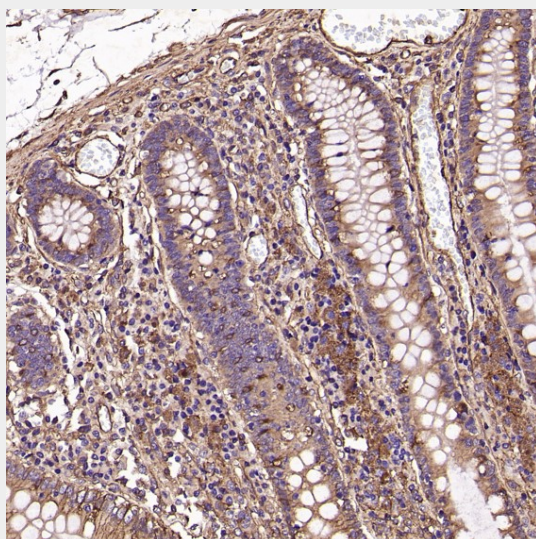
Anti-MMP1 Rabbit Monoclonal Antibody - Images



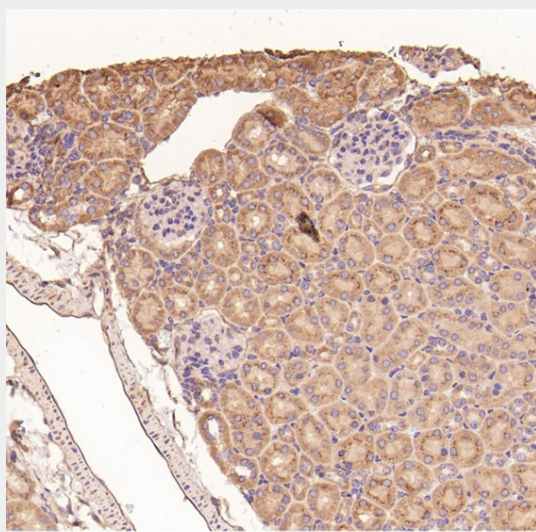
Immunohistochemical analysis of paraffin-embedded Rat kidney, using the Antibody at 1:50 dilution.



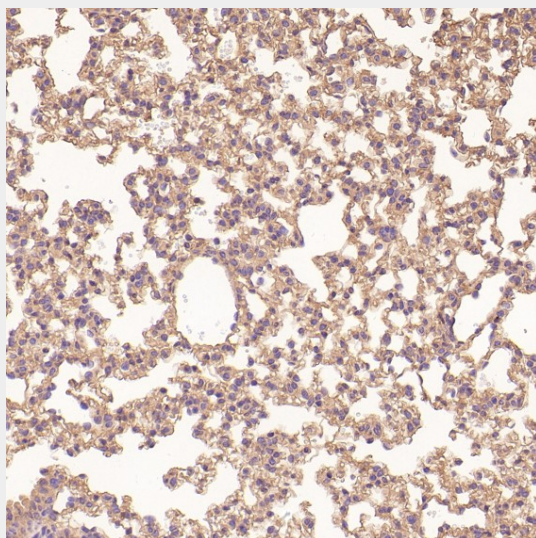
Immunohistochemical analysis of paraffin-embedded Human astrocytoma, using the Antibody at 1:50 dilution.



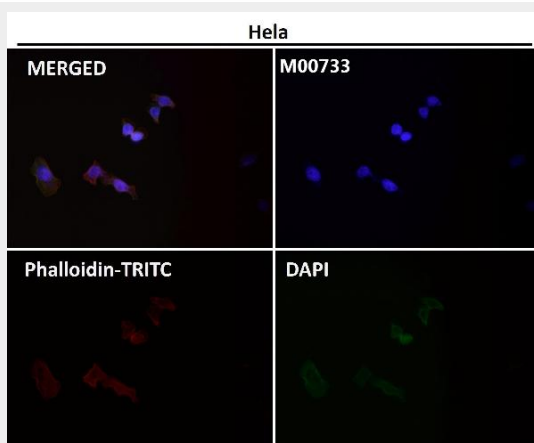
Immunohistochemical analysis of paraffin-embedded Human colon, using the Antibody at 1:50 dilution.



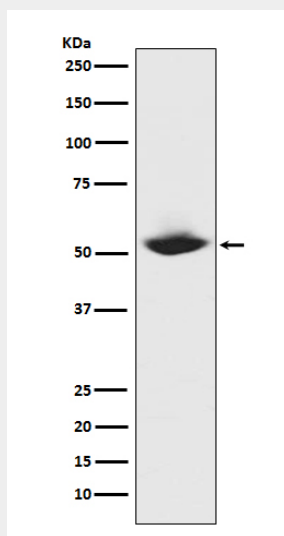
Immunohistochemical analysis of paraffin-embedded Mouse kidney, using the Antibody at 1:50 dilution.



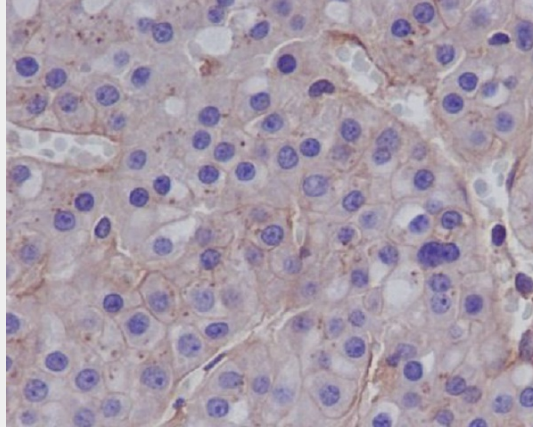
Immunohistochemical analysis of paraffin-embedded Mouse lung, using the Antibody at 1:50 dilution.



Immunofluorescent analysis using the Antibody at 1:50 dilution.



Western blot analysis of MMP1 expression in MMP1 recombinant protein.



Immunohistochemical analysis of paraffin-embedded human hepatocellular carcinoma, using MMP1 Antibody.