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Anti-MMP1 Rabbit Monoclonal Antibody

Catalog # ABO13354

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.

Additional Information

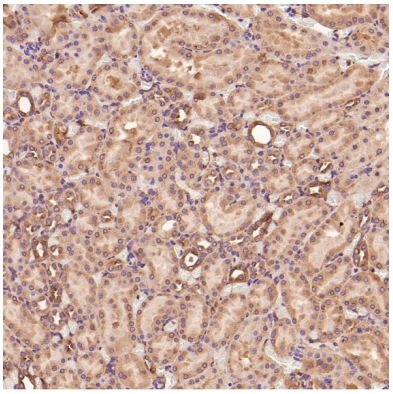
Gene ID	4312
Other Names	Interstitial collagenase, 3.4.24.7, Fibroblast collagenase, Matrix metalloproteinase-1, MMP-1, 22 kDa interstitial collagenase, 27 kDa interstitial collagenase, MMP1, CLG
Calculated MW	54007
Application Details	WB 1:500-1:2000 IHC 1:50-1:200 ICC/IF 1:50-1:200 FC 1:50
Subcellular Localization	Secreted, extracellular space, extracellular matrix.
Source	Eukaryota
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.
Clone Names	Clone: CDG-13
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.

Protein Information

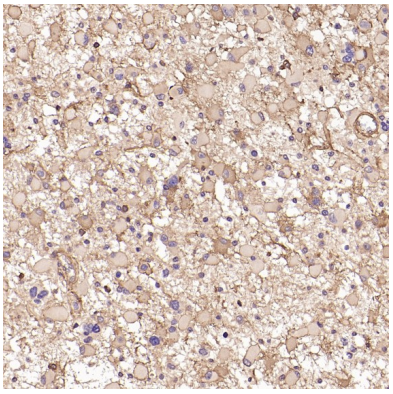
Name	MMP1

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

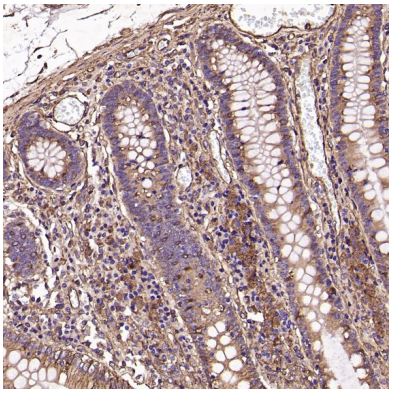
Images



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

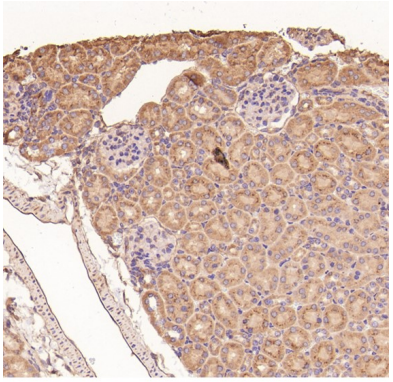


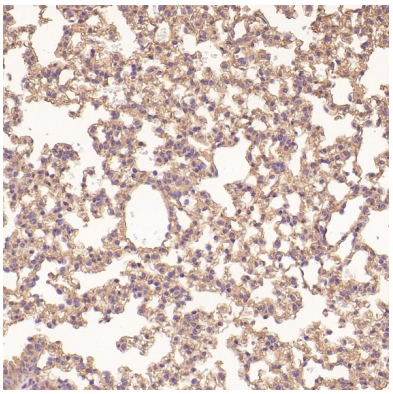
Immunohistochemical analysis of paraffin-embedded Human astrocytoma, using the Antibody at 1:50 dilution.



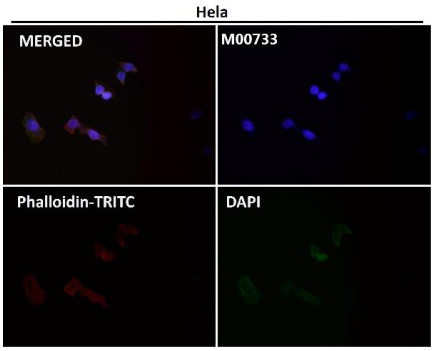
Immunohistochemical analysis of paraffin-embedded Human colon, using the Antibody at 1:50 dilution.

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

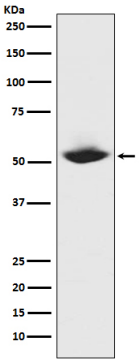




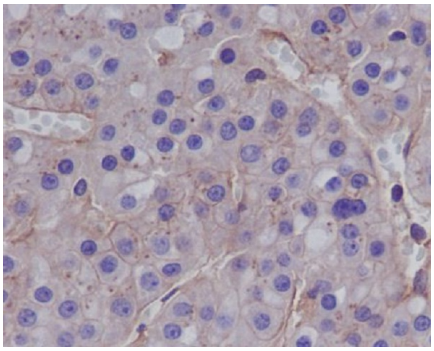
Immunohistochemical analysis of paraffin-embedded Mouse lung, using the Antibody at 1:50 dilution.



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 hepatocellar carcinoma, using MMP1 Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.