

Anti-MMP1 Rabbit Monoclonal Antibody

Catalog # ABO15576

Product Information

Application	WB, IP
Primary Accession	P03956
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-MMP1 Rabbit Monoclonal Antibody . Tested in WB, IP 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 IP 1:50
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: 21M52
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

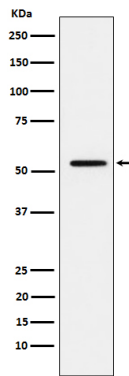
Name	MMP1
Synonyms	CLG
Function	Cleaves collagens of types I, II, and III at one site in the helical domain. Also

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



Western blot analysis of MMP1 expression in A431 cell lysate.

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