

Rabbit anti-Human MMP1 Monoclonal Antibody | anti-MMP1 antibody

MMP1 Rabbit mAb

CATALOG # AAA282930	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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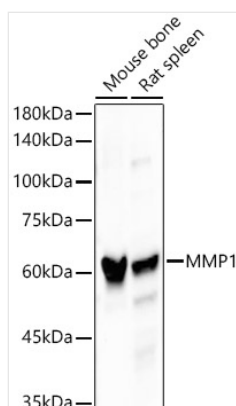
PRODUCT SYNONYMS

MMP1; Monoclonal Antibody; MMP1 Rabbit mAb; CLG; CLGN; anti-MMP1 antibody

PRODUCT SPECIFICATIONS

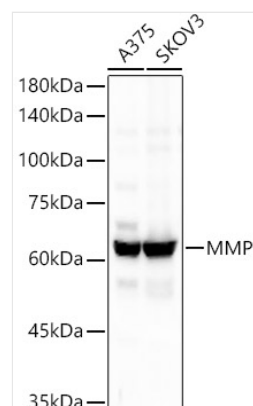
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	GVPDVAQFVL TEGNPRWEQT HLTYRIENYT PDLPRADVDH AIEKAFQLWS NVTPLTFTKV SEGQADIMIS FVRGDHRDNS PFDGPGGNLA HAFQPGPGIG GDAHFEDEDER WTNNFREY
Applicable Applications for anti-MMP1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 93-210 of human MMP1 (NP_002412.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of various lysates using MMP1 Rabbit mAb (AAA282930) at 1:66000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of various lysates using MMP1 Rabbit mAb (AAA282930) at 1:66000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP1 antibody	This gene encodes a member of the peptidase M10 family of matrix metalloproteinases (MMPs). Proteins in this family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. The encoded preproprotein is proteolytically processed to generate the mature protease. This secreted protease breaks down the interstitial collagens, including types I, II, and III. The gene is part of a cluster of MMP genes on chromosome 11. Mutations in this gene are associated with chronic obstructive pulmonary disease (COPD). Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.
Product Categories/Family for anti-MMP1 antibody	Cancer; Tumor biomarkers; Invasion and Metastasis; Signal Transduction; Cell Biology Developmental Biology; Cytoskeleton; Extracellular Matrix; Ubiquitin; Cardiovascular; Angiogenesis; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505215
NCBI GeneID	4312
NCBI Accession #	NP_002412.1
NCBI GenBank Nucleotide #	NM_002421.3
UniProt Accession #	P03956; P08156
Molecular Weight	Calculated MW: 54kDa Observed MW: 62kDa
UniProt Protein Name	Interstitial collagenase
UniProt Gene Name	MMP1
UniProt Synonym Gene Names	CLG; MMP-1
UniProt Entry Name	MMP1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/mmp1-antibody-western-blot-elisa/282930>