

Mouse anti-Human MMP1 Antibody | anti-MMP1 antibody

MMP1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA108824	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunofluorescence, Immunohistochemistry, Western Blot

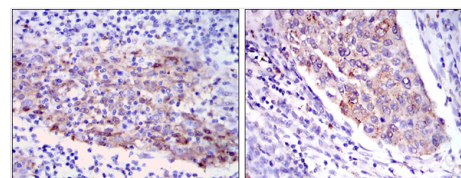
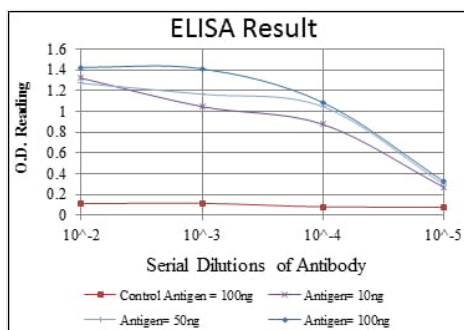
PRODUCT SYNONYMS

MMP1; MMP1 Antibody; CLG; CLGN; anti-MMP1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Isotype	IgG1
Clone Number	6A5
Form/Format	Ascitic fluid containing 0.03% sodium azide.
Sequence Length	403
Applicable Applications for anti-MMP1 antibody	ELISA, FCM/FACS (Flow Cytometry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human MMP1 expressed in E. Coli.
Preparation and Storage	Store at 4°C, for long term storage, store at -20°C.

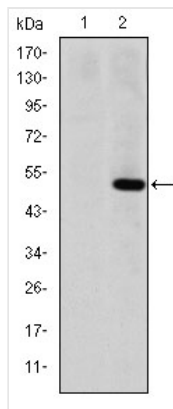
IMAGES



IHC (Immunohistochemistry)

Figure 2: Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues (left) and human kidney cancer tissues (right) using MMP1 mouse mAb with DAB staining.

ELISA



WB (Western Blot)

Figure 1: Western blot analysis using MMP1 mAb against HEK293 (1) and MMP1-hlgGfC transfected HEK293 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP1 antibody	Proteins of the matrix metalloproteinase (MMP) 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. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. This gene encodes a secreted enzyme which breaks down the interstitial collagens, types I, II, and III. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3. Alternative splicing results in multiple transcript variants.
Product Categories/Family for anti-MMP1 antibody	Autophagy antibody ; Cancer ; Cardiovascular ; Cell Biology ; Epigenetics & Nuclear Signaling ; Developmental Biologys ; Immunology ; Drug Discovery Products ; Metabolism ; Neuroscience ; Signal Transduction ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	225543094
NCBI GeneID	4312
NCBI Accession #	NP_001139410.1
NCBI GenBank Nucleotide #	NM_001145938.1
Molecular Weight	54kDa
NCBI Official Full Name	interstitial collagenase isoform 2
NCBI Official Synonym Full Names	matrix metalloproteinase 1
NCBI Official Symbol	MMP1
NCBI Official Synonym Symbols	CLG; CLGN
NCBI Protein Information	interstitial collagenase
UniProt Protein Name	Interstitial collagenase
UniProt Gene Name	MMP1
UniProt Synonym Gene Names	CLG; MMP-1

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/mouse-human-antibody/mmp1/108824>