

Mouse anti-Human MMP2 Monoclonal Antibody | anti-MMP2 antibody

MMP2 antibody

CATALOG # AAA74561	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

MMP2; Monoclonal Antibody; MMP2 antibody; Monoclonal MMP2; Anti-MMP2; MMP-2; MMP 2; Matrix Metalloproteinase 2; anti-MMP2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1?
Clone Number	42-5D11
Specificity	Human
Form/Format	Purified immunoglobuling supplied in 0.1M Sodium Phosphate Buffer, pH 7.0, containing 2% protease-free BSA.
Concentration	2.0mg/ml (varies by lot)
Applicable Applications for anti-MMP2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Cross-Reactivity	Bovine, horse, rabbit, rat, mouse, pig
Immunogen	Synthetic oligopeptide corresponding to amino acid residue 468-483 of human matrix metalloproteinase 2
Epitope	Amino acids 468-483 (VTPRDKPMGPLLVATF)
Preparation and Storage	Ships on blue ice. Upon receipt, store at -20°C.

IMAGES



WB (Western Blot)

MMP2 recombinant protein lysate was probed with MMP2 antibody (1:1000 dilution). Arrow indicates target (~74 kDa).

ADDITIONAL INFORMATION

Related Product Information for anti-MMP2 antibody	72 kDa type IV collagenase also known as matrix metalloproteinase-2 (MMP-2) and gelatinase A is an enzyme that in humans is encoded by the MMP2 gene. 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.
Product Categories/Family for anti-MMP2 antibody	Proteases ; Inhibitors ; & Enzymes

NCBI AND UNIPROT INFORMATION

NCBI GI #	45552531
NCBI GeneID	35997
NCBI Accession #	NP_995788.1
NCBI GenBank Nucleotide #	NM_206066.2
UniProt Accession #	Q8MPP3
NCBI Official Full Name	matrix metalloproteinase 2, isoform B
NCBI Official Synonym Full Names	Matrix metalloproteinase 2
NCBI Official Symbol	Mmp2
NCBI Official Synonym Symbols	2-MMP; anon-WO0118547.84; CG1794; dm-2MMP; Dm2-MMP; DmelCG1794; dmmp2; l(2)02353; mmp2; MMP2
NCBI Protein Information	CG1794 gene product from transcript CG1794-RB
UniProt Protein Name	FI21212p1
UniProt Gene Name	Mmp2
UniProt Entry Name	Q8MPP3_DROME

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/mmp2-antibody-clone-42-5d11-immunohistochemistry-western-blot-elisa/74561>