

Rabbit MMP12 Monoclonal Antibody | anti-MMP12 antibody

MMP12 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA269385	Rabbit	Human, Rat, Hamster	Immunoprecipitation, Western Blot

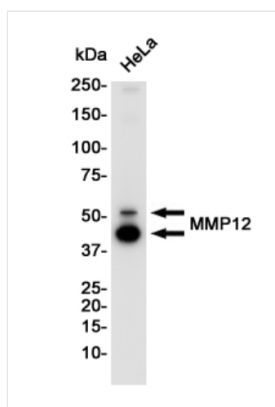
PRODUCT SYNONYMS

MMP12; Monoclonal Antibody; MMP12 Rabbit mAb; Macrophage metalloelastase; MME; 3.4.24.65; Macrophage elastase; ME; hME; Matrix metalloproteinase-12; MMP-12; HME; anti-MMP12 antibody

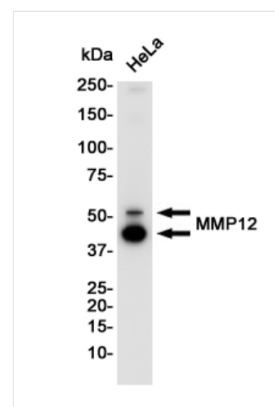
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat, Hamster
Clonality	Monoclonal
Isotype	IgG
Clone Number	R03-2B9
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine (pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Applicable Applications for anti-MMP12 antibody	IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A synthetic peptide of human MMP12
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES


WB (Western Blot)

Western blot analysis of MMP12 in CHO-K1, C6 lysates using MMP12 antibody.


WB (Western Blot)

Western blot analysis of MMP12 in HeLa lysates using MMP12 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-MMP12 antibody

MMP-12 lacks a transmembrane domain and furin cleavage site. The zymogen for MMP-12 is about 54 kDa, and is quickly activated to the 45 kDa form, and this breaks down to cascade of active forms, ending with the common 22 kDa form. Stimulated macrophages produce MMP-12; it has also been found in osteosarcoma cells, synovial fibroblasts and lung fibroblasts

Product Categories/Family for anti-MMP12 antibody

Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	73858572
NCBI GeneID	4321
NCBI Accession #	NP_002417.2
NCBI GenBank Nucleotide #	NM_002426.4
UniProt Accession #	P39900; Q2M1L9; B2R9X8; B7ZLF6
Molecular Weight	54,002 Da
NCBI Official Full Name	macrophage metalloelastase preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 12 (macrophage elastase)
NCBI Official Symbol	MMP12
NCBI Official Synonym Symbols	ME; HME; MME; MMP-12
NCBI Protein Information	macrophage metalloelastase; matrix metalloproteinase 12 (macrophage elastase)
UniProt Protein Name	Macrophage metalloelastase
UniProt Gene Name	MMP12
UniProt Synonym Gene Names	HME; MME; ME; hME; MMP-12
UniProt Entry Name	MMP12_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/mmp12-antibody-clone-r03-2b9-immunoprecipitation-western-blot-elisa/269385>