

Mouse anti-Human MMP14 Monoclonal Antibody | anti-MMP14 antibody

Anti-MMP14 Antibody

CATALOG # AAA266037	HOST Mouse	REACTIVITY Human	APPLICATIONS Immunofluorescence, Western Blot
-------------------------------	----------------------	----------------------------	---

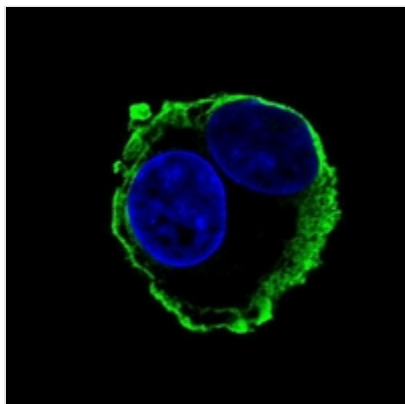
PRODUCT SYNONYMS

MMP14; Monoclonal Antibody; Anti-MMP14 Antibody; anti-MMP14 antibody

PRODUCT SPECIFICATIONS

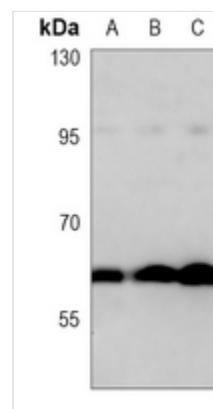
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgM
Specificity	Recognizes endogenous levels of MMP14 protein.
Purity/Purification	This antibody is purified through a protein G column.
Form/Format	Mouse IgM. Liquid in PBS, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-MMP14 antibody	IC (Immunochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human MMP14. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of MMP14 staining in HepG2 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



WB (Western Blot)

Western blot analysis of MMP14 expression in A2058 (A), U251 MG (B), U87 MG (C) whole cell lysates. (Predicted band size: 65 kD; Observed band size: 65 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-MMP14 antibody	Mouse monoclonal antibody to MMP14
Product Categories/Family for anti-MMP14 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4826834
NCBI GeneID	4323
NCBI Accession #	NP_004986.1
NCBI GenBank Nucleotide #	NM_004995.2
UniProt Accession #	P50281; Q6GSF3; Q92678; A8K5L0
Molecular Weight	65,894 Da
NCBI Official Full Name	matrix metalloproteinase-14 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 14 (membrane-inserted)
NCBI Official Symbol	MMP14
NCBI Official Synonym Symbols	1; MMP-14; MMP-X1; MT-MMP; MT1MMP; MTMMP1; MT1-MMP; MT-MMP 1
NCBI Protein Information	matrix metalloproteinase-14; membrane type 1 metalloprotease; membrane-type matrix metalloproteinase 1; membrane-type-1 matrix metalloproteinase; matrix metalloproteinase 14 (membrane-inserted)
UniProt Protein Name	Matrix metalloproteinase-14
UniProt Gene Name	MMP14
UniProt Synonym Gene Names	MMP-14; MT-MMP 1; MTMMP1; MT1-MMP; MT1MMP
UniProt Entry Name	MMP14_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/mmp14-antibody-immunochemistry-immunofluorescence-western-blot-elisa/266037>