

anti-Human, Rat MMP-13 Antibody | anti-MMP-13 antibody

MMP-13 Antibody

CATALOG # AAA109327	REACTIVITY Human, Rat	APPLICATIONS ELISA, Immunofluorescence, Immunohistochemistry, Western Blot
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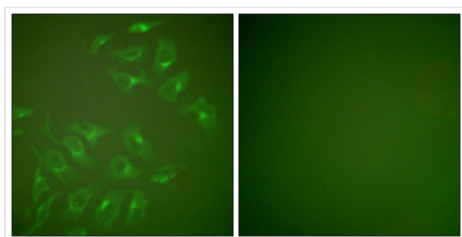
PRODUCT SYNONYMS

MMP-13; MMP-13 Antibody; CLG3; matrix metalloproteinase 13 (collagenase 3).; anti-MMP-13 antibody

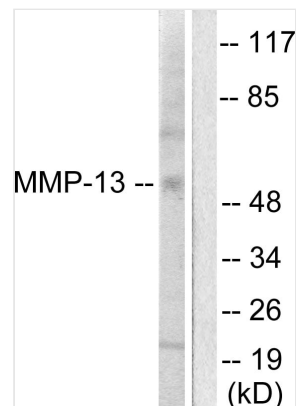
PRODUCT SPECIFICATIONS

Reactivity	Human, Rat
Specificity	MMP-13 antibody detects endogenous levels of total MMP-13 protein.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	471
Applicable Applications for anti-MMP-13 antibody	ELISA, IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized peptide derived from human MMP-13.
Preparation and Storage	Store at -20 degree C for 1 year

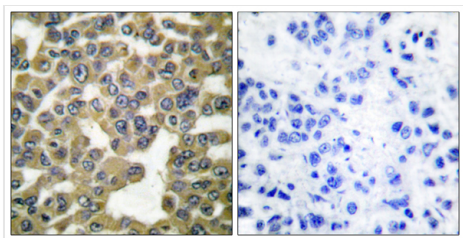
IMAGES


IF (Immunofluorescence)

Peptide-+ Immunofluorescence analysis of HepG2 cells, using MMP-13 antibody.


WB (Western Blot)

Western blot analysis of extracts from LOVO cells, using MMP-13 antibody.



IHC (Immunohistochemistry)
 Peptide-+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using MMP-13 antibody.

ADDITIONAL INFORMATION

References	Nina Johansson, Am. J. Pathol., Feb 1999; 154: 469. Laura Ravanti, J. Biol. Chem., Jan 1999; 274: 2446. Jenny K. S. Shum, J. Biol. Chem., Nov 2002; 277: 42830-42840. John A. Mengshol, Nucleic Acids Res., Nov 2001; 29: 4361-4372.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505209
NCBI GeneID	4322
NCBI Accession #	NP_002418.1
NCBI GenBank Nucleotide #	NM_002427.3
UniProt Accession #	P45452; Q6NWN6; A8K846; B2RCZ3
Molecular Weight	53,820 Da
NCBI Official Full Name	collagenase 3 preproprotein
NCBI Official Synonym Full Names	matrix metallopeptidase 13
NCBI Official Symbol	MMP13
NCBI Official Synonym Symbols	CLG3; MDST; MANDP1; MMP-13
NCBI Protein Information	collagenase 3
UniProt Protein Name	Collagenase 3
UniProt Gene Name	MMP13
UniProt Synonym Gene Names	MMP-13

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.