

Anti-MMP3 Rabbit pAb



WLA0374

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-MMP3 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:500-1:1000
	IHC, IF	1:50-1:200
Cellular localization	Cytoplasm, Extracellular matrix, Nucleus, Secreted.	
Pack size	50/100/200/500/1000µl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 µg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

Background	Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix during normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as disease processes such as arthritis and metastasis. Most MMPs are secreted on an inactive principle and are activated when extracellular proteases are cleaved. MMP3 can degrade fibronectin, laminin, collagen III, IV, IX, and X, as well as chondroproteoglycans.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of MMP3.
Purification	Polyclonal antibody was purified by immunogen affinity chromatography.

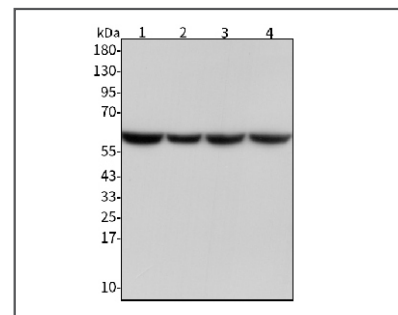
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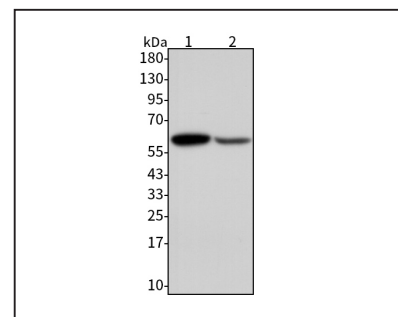
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Product Images



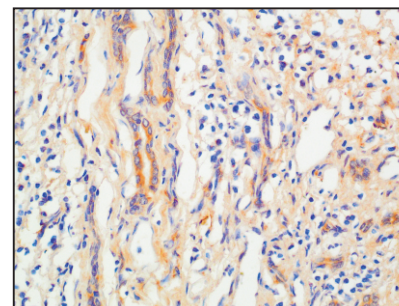
Western blot-Anti-MMP3 pAb

Lane 1: Human HEP-G2 cell lysate
Lane 2: Human MDA-MB-231 cell lysate
Lane 3: Human Hela cell lysate
Lane 4: Human CAL-27 cell lysate
All lanes: Anti-MMP3 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 54 kDa
 Observed band size: 60 kDa



Western blot-Anti-MMP3 pAb

Lane 1: Mouse liver tissue lysate
Lane 2: Rat heart tissue lysate
All lanes: Anti-MMP3 at 1:1000 dilution
 Lysates/proteins at 20-50 µg per lane.
 Predicted band size: 54 kDa
 Observed band size: 60 kDa



Immunohistochemistry-Anti-MMP3 pAb

Immunohistochemical analysis of paraffin-embedded human liver cancer using anti-MMP3 Rabbit Antibody at 1:100 dilution.
 Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

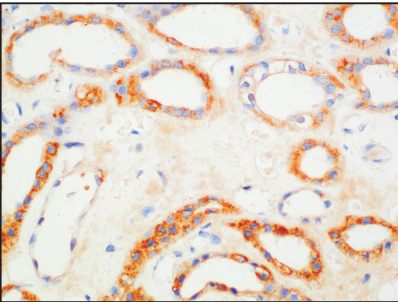
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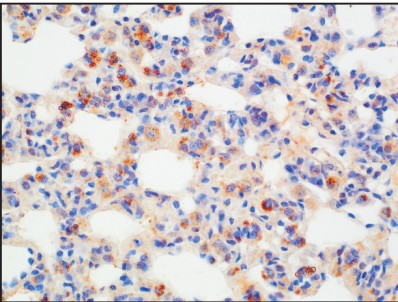
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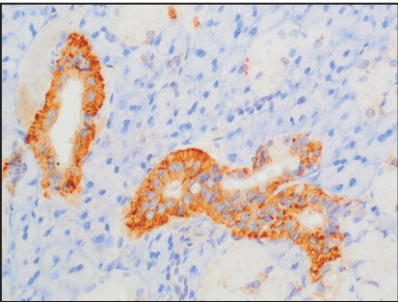
Immunohistochemistry-Anti-MMP3 pAb

Immunohistochemical analysis of paraffin-embedded human kidney cancer using anti-MMP3 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-MMP3 pAb

Immunohistochemical analysis of paraffin-embedded rat lung using anti-MMP3 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-MMP3 pAb

Immunohistochemical analysis of paraffin-embedded rat salivary gland using anti-MMP3 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

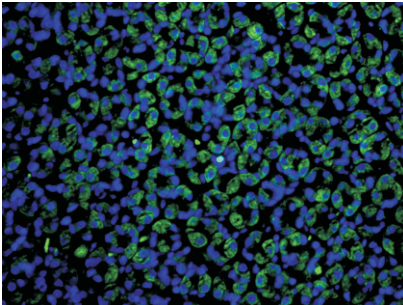
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Immunofluorescence-Anti-MMP3 pAb

Immunofluorescence analysis of paraffin-embedded rat stomach using anti-MMP3 Rabbit Antibody at 1:100 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0