

Anti-MMP9 Rabbit pAb



WL03096

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-MMP9 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:400
	IF	1:300
Cellular localization	Secreted, extracellular space, extracellular matrix	
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	The matrix metalloproteinases (MMPs) are a family of proteases that target many extracellular proteins including other proteases, growth factors, cell surface receptors, and adhesion molecules. Among the family members, MMP-2, MMP-3, MMP-7, and MMP-9 have been characterized as important factors for normal tissue remodeling during embryonic development, wound healing, tumor invasion, angiogenesis, carcinogenesis, and apoptosis. MMP-9 (also designated 92 kDa type IV collagenase or gelatinase B) has been shown to degrade bone collagens in concert with MMP-1 (also designated interstitial collagenase, fibroblast collagenase or collagenase-1), and cysteine proteases and may play a role in bone osteoclastic resorption.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of MMP9.
Purification	Polyclonal antibody was purified by Protein A affinity chromatography.

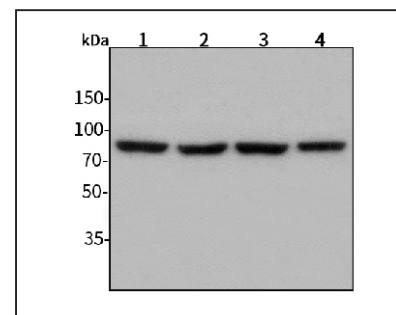
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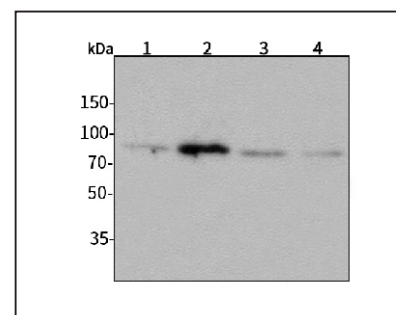
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Product Images



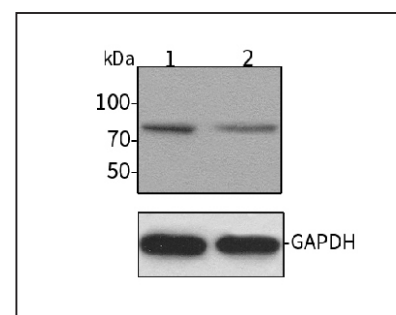
Western blot-Anti-MMP9 pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human HEK-293 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-MMP9 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 78 kDa
 Observed band size: 84/92 kDa



Western blot-Anti-MMP9 pAb

Lane 1: Mouse kidney tissue lysate
 Lane 2: Mouse heart tissue lysate
 Lane 3: Rat liver tissue lysate
 Lane 4: Rat brain tissue lysate
 All lanes: Anti-MMP9 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 78 kDa
 Observed band size: 84/92 kDa



Western blot-Anti-MMP9 pAb

Lane 1: A2780-siRNA control
 Lane 2: A2780-siRNA against MMP9
 Target sequence(5'-3'): CGCUCAUGUACCCUAUGUATT
 UACAUAGGGUACAUGAGCGTT

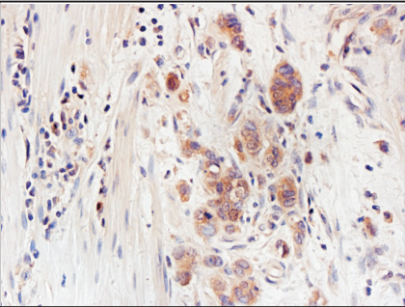
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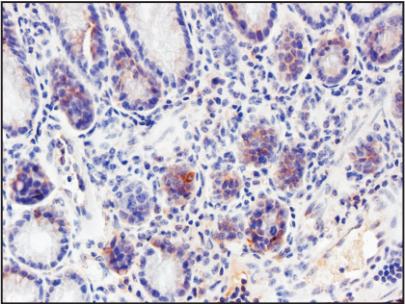
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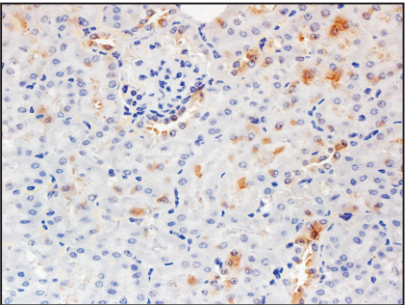
Immunohistochemistry-Anti-MMP9 pAb

Immunohistochemical analysis of paraffin-embedded human colon cancer using anti-MMP9 Rabbit Antibody at 1:250 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-MMP9 pAb

Immunohistochemical analysis of paraffin-embedded mouse colon using anti-MMP9 Rabbit Antibody at 1:250 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunohistochemistry-Anti-MMP9 pAb

Immunohistochemical analysis of paraffin-embedded mouse kidney using anti-MMP9 Rabbit Antibody at 1:250 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

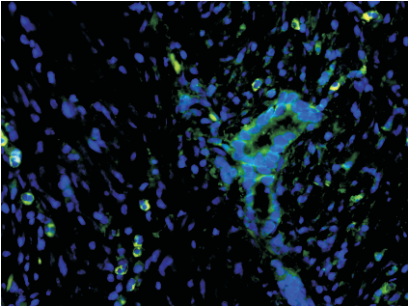
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Immunofluorescence-Anti-MMP9 pAb

Immunofluorescence analysis of paraffin-embedded human colon cancer using anti-MMP9 Rabbit Antibody at 1:300 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0