Product Datasheet

MMP2 Rabbit mAb

Catalog No: #48753

Package Size: #48753-1 50ul #48753-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

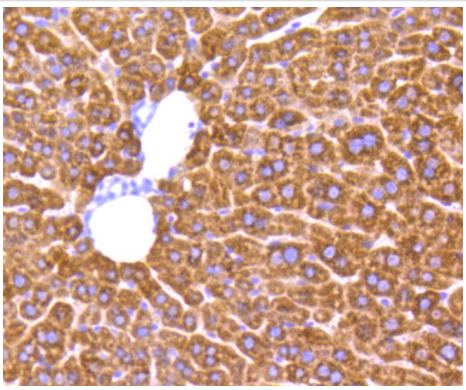
Description

Product Name	MMP2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SI15-04
Purification	ProA affinity purified
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Other Names	72 kDa gelatinase antibody 72kD type IV collagenase antibody CLG 4 antibody CLG 4A antibody CLG4 antibody CLG4A antibody Collagenase Type 4 alpha antibody Collagenase type IV A antibody Gelatinase A antibody Gelatinase alpha antibody Gelatinase neutrophil antibody Matrix metallopeptidase 2 gelatinase A 72kDa gelatinase 72kDa type IV collagenase antibody Matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase) antibody Matrix Metalloproteinase 2 antibody Matrix metalloproteinase II antibody Matrix metalloproteinase-2 antibody MMP 2 antibody MMP II antibody MMP-2 antibody MMP2 antibody MMP2_HUMAN antibody MONA antibody Neutrophil gelatinase antibody PEX antibody TBE 1 antibody TBE-1 antibody
Accession No.	Swiss-Prot#:P08253
Uniprot	P08253
GeneID	4313;
Calculated MW	72 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:1,000-1:2,000 IHC: 1:50-1:200

Images



Immunohistochemical analysis of paraffin-embedded mouse liver tissue using anti-MMP2 antibody. Counter stained with hematoxylin.

Background

The matrix metalloproteinases (MMP) are a family of peptidase enzymes responsible for the degradation of extracellular matrix components, including collagen, gelatin, Fibronectin, Laminin and proteoglycan. Transcription of MMP genes is differentially activated by phorbol ester, lipopolysaccharide (LPS) or staphylococcal enterotoxin B (SEB) . MMP catalysis requires both calcium and zinc. MMP-2 (also designated type IV collagenase) cleaves collagen types IV, V, VII and X and gelatin type I. Activation of MMP-2 secretion requires the Ras signaling pathway.

References

Note: This product is for in vitro research use only