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PRODUCT DATASHEET

Anti-MMP9 Antibody

Product Details

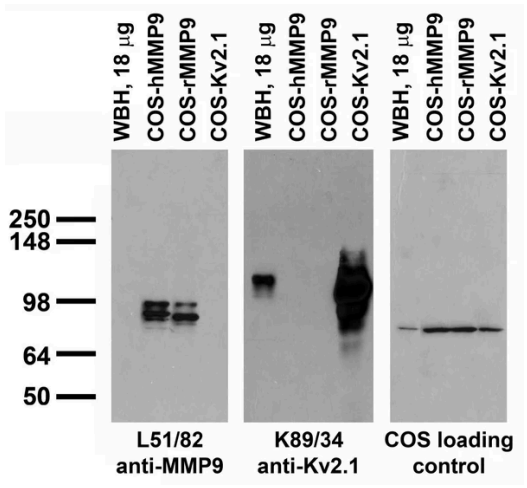
Available Variants	100 µL (SKU:75-100)
Conjugate	Unconjugated
Isotype	IgG2a
Clone	L51/82
Gene Name	Mmp9
Host Species	Mouse
Concentration	1 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	10 mM Tris, 50 mM Sodium Chloride, 0.065% Sodium Azide pH 7.27
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography. Purified mAbs are >90% specific antibody.
Applications	ELISA, ICC, IHC, IP, WB
Species Reactivity	Human, Mouse, Rat
Immunogen	Fusion protein amino acids 1-708 (full-length) of rat MMP9 (accession number P50282) produced recombinantly in E. Coli
Specificity	No cross-reactivity reported
Molecular Weight	92 and 82 kDa (Pro and Active forms)
Quality Control	Each new lot of antibody is quality control tested by western blot on rat whole brain lysate and confirmed to stain the expected molecular weight band.

Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.
Antibody Registry ID	AB_10671829
UniProt ID	P50282 UniProt Summary: Matrix metalloproteinase that plays an essential role in local proteolysis of the extracellular matrix and in leukocyte migration. Could play a role in bone osteoclastic resorption. Cleaves KiSS1 at a Gly-|-Leu bond. Cleaves NINJ1 to generate the Secreted ninjurin-1 form. Cleaves type IV and type V collagen into large C-terminal three quarter fragments and shorter N-terminal one quarter fragments. Degrades fibronectin but not laminin or Pz-peptide.
Country of Origin	United States
Shipping	Shipped on ice packs
Expiration	24 months from date of receipt
Usage Statement	These antibodies are to be used as research laboratory reagents and are not for use as diagnostic or therapeutic reagents in humans.
NCBI Gene ID	81687

Product Images



Adult rat hippocampus immunohistochemistry.



Immunoblot versus lysates of whole rat brain (WBH) and of COS-1 cells transfected with human and rat MMP9 (hMMP9 and rMMP9, respectively) and Kv2.1 plasmids and probed with L51/82 (left), K89/34 (middle) and loading control (right) TC supe.

Created on 17. November 2026 | All information without guarantee