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PRODUCT DATASHEET

Anti-MMP9 Antibody Biotin Conjugate

Product Details

Available Variants	200 µL (SKU:75-100-BTN)
Conjugate	Biotin
Isotype	IgG2a
Clone	L51/82
Gene Name	Mmp9
Host Species	Mouse
Concentration	Lot dependent: provided at 0.3-0.5 mg/mL
Format	Purified by Protein A chromatography
Physical State	Liquid
Buffer	PBS with 0.09% azide
Production Notes	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. 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)
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.

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	12 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



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