



Mouse Anti-Human MMP-9 Monoclonal Antibody, clone 27 (CABT-L2062)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to Matrix Metalloproteinase 9 (Knockout Validated)
Specificity	The antibody is a mouse monoclonal antibody raised against MMP9. It has been selected for its ability to recognize MMP9 in immunohistochemical staining and western blotting.
Target	MMP9
Immunogen	Recombinant fragment corresponding to human MMP-9 (Gly213~Ala399)
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	27
Purification	Protein A + Protein G affinity chromatography
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Concentration	Lot specific
Size	200 µg
Buffer	Supplied as solution form in 0.01M PBS with 50% glycerol, pH7.4.

Preservative	0.05% Proclin-300
Storage	Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 12 months.
Ship	4°C with ice bags

BACKGROUND

Introduction	May play 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 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.
Keywords	GELB;Gelatinase B;CLG4B;CLG4-B;92 KDa Gelatinase;92kDa Type IV Collagenase

GENE INFORMATION

Official Symbol	MMP-9
Entrez Gene ID	4318