



Rabbit Anti-MMP2 monoclonal antibody, clone TJ26-15 (CABT-L621)

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

PRODUCT INFORMATION

Target	MMP2
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse, Rat
Clone	TJ26-15
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC
Molecular Weight	72 kDa
Cellular Localization	Cytoplasm, Nucleus, Membrane, Mitochondrion, Secreted.
Positive Control	Mouse liver tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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BACKGROUND

Introduction	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.
Keywords	72 kDa gelatinase;72kD type IV collagenase;CLG 4;CLG 4A;CLG4;CLG4A;Collagenase Type 4 alpha;Collagenase type IV A;Gelatinase A;Gelatinase alpha;Gelatinase neutrophil;Matrix metallopeptidase 2 gelatinase A 72kDa gelatinase 72kDa type IV collagenase;Matrix metalloproteinase 2 (gelatinase A, 72kDa gelatinase, 72kDa type IV collagenase);Matrix Metalloproteinase 2;Matrix metalloproteinase II;Matrix metalloproteinase-2;MMP 2;MMP II;MMP-2;MMP2;MMP2_HUMAN;MONA;Neutrophil gelatinase;PEX;TBE 1;TBE-1 antibody
