



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.

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 metalloproteinase 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
