

Rabbit polyclonal antibody to human Matrix metalloproteinase 9 (689-705): Affinity purified

Catalogue No.:	R-1476-100
Description:	Matrix metalloproteinase 9 (MMP-9) cleaves collagen types IV and type V and gelatin types 1 and V. MMP-9 has a possible role in local proteolysis of the extracellular matrix and in leukocyte migration (Ref: SWISSPROT).
Batch No.:	See product label
Unit size:	100 ug
Antigen:	A synthetic peptide corresponding to a region (689-705 aa) from human Matrix metalloproteinase 9.
Antigen Location:	689-705
Other Names:	Matrix metalloproteinase 9; MMP-9; 92 kDa gelatinase; 92 kDa type IV collagenase; Gelatinase B; GELB; 67 kDa matrix metalloproteinase-9; 82 kDa matrix metalloproteinase-9; MMP9; CLG4B;
Accession:	P14780 MMP9_HUMAN;
Produced in:	Rabbit
Applications:	Western Blotting (WB) and Immunohistochemistry (IHC). A concentration of 1.0 ug/mL is recommended for WB. Human MMP-9 (precursor) has a predicted length of 707 amino acids and MW of 78 kDa. A concentration of 1.0 ug/mL is recommended for IHC to detect the protein in formalin fixed and paraffin embedded tissues. Heat mediated antigen retrieval is required. Biosensis recommends optimal dilutions/concentrations should be determined by the end user.
Specificity:	The specificity of this antibody has been confirmed by WB (Human, Rat) and IHC (Human) against the antigen.
Antibody Against:	Matrix metalloproteinase 9
Cross-reactivity:	Human; rat; predicted to react with mouse due to sequence homology
Form:	Lyophilised with 5mg BSA, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg Thimerosal, 0.05mg NaN ₃
Appearance:	White powder
Reconstitution:	Reconstitute in 100 uL of sterile distilled water to achieve an antibody concentration of 1 mg/mL. Centrifuge to remove any insoluble material.
Storage:	At least 12 months after purchase at 2-8C (lyophilized formulations). After reconstitution, aliquot and store at -20C for a higher stability. Avoid freeze-thaw cycles.
Expiry Date:	12 months after purchase

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