

• Rabbit Anti-MMP-9 Polyclonal Antibody

Primary Antibodies

Background:

All cells within tissues are surrounded by an extracellular matrix (ECM) giving the tissues shape and structure. The ECM is constantly being remodeled and constant communication is maintained between cells through this matrix. Secreted proteins, termed matrix metalloproteinases (MMPs), are involved in the modulation of cell matrix interactions. MMPs are Zn(2+) binding endopeptidases that degrade various components of the ECM. MMPs are enzymes implicated in normal and pathologic tissue remodeling processes, wound healing, angiogenesis, and tumor invasion. These enzymes are very potent when active, and are associated with extracellular space inhibitors called TIMPs (tissue inhibitors of matrix metalloproteinases). TIMPs have been shown to block tumor cell invasion suggesting that they act as metastasis suppressor genes.

Source/Purification:

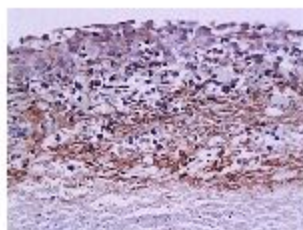
KLH conjugated synthetic peptide derived from human MMP9 C-terminus. Was purified by Protein A and peptide affinity chromatography.

Storage: Prepared as lyophilized powder or liquid and shipped on ice. Store at -20°C for one year.

Reconstitution:

If the antibody is in liquid form, no reconstitution needed.

Reconstitution is only required for the lyophilized antibody. Please refer to the reconstitution instruction card in the package.



Size: 100ul or 100ug lyophilized

Concentration: 1ug/uL

Host: Rabbit

Reactivities: Human, Mouse, Rat,

Application:

- WB(1:100-500)
- ELISA(1:500-1000)
- IHC-P(1:100-500)
- IHC-F(1:100-500)
- IF(1:100-500)
- Not yet tested in other applications.
Optimal working dilutions must be determined by the end user.

Antibody Type: Polyclonal

Isotype: IgG

Molecular Weight: 78kDa

Preservatives:

10ug/uL BSA and 0.1% NaN₃.

For research use only. CAUTION: Not for human or animal therapeutic or diagnostic use.