

MMP-8 Antibody
Purified Rabbit Polyclonal Antibody
Catalog # ABV11539**Specification**

MMP-8 Antibody - Product Information

Application	WB, IHC, IP
Primary Accession	P22894
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53412

MMP-8 Antibody - Additional Information**Gene ID** 4317**Other Names**

Neutrophil collagenase, 3.4.24.34, Matrix metalloproteinase-8, MMP-8, PMNL collagenase, PMNL-CL, MMP8, CLG1

Target/Specificity

MMP-8

Formulation

100 µg (0.5 mg/ml) protein A affinity purified rabbit polyclonal antibody in phosphate-buffered saline (PBS) containing 50% glycerol, 1% BSA, and 0.02% thimerosal.

Handling

The antibody solution should be gently mixed before use.

Background Descriptions**Precautions**

MMP-8 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

MMP-8 Antibody - Protein Information**Name** MMP8**Synonyms** CLG1**Function**

Can degrade fibrillar type I, II, and III collagens.

Cellular Location

Cytoplasmic granule. Secreted, extracellular space, extracellular matrix. Note=Stored in

intracellular granules

Tissue Location

Neutrophils.

MMP-8 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MMP-8 Antibody - Images**MMP-8 Antibody - Background**

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. Unlike other members of the MMP family, MMP-8 is expressed exclusively in inflammatory conditions. MMP-8 is also the predominant collagenase expressed in ulcers and healing wounds.