10320 Camino Santa Fe, Suite G
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# MMP8 Antibody
**Rabbit mAb**
**Catalog # AP90591**

## Specification

### MMP8 Antibody - Product Information

| | |
|---|---|
| Application | **WB, IHC, FC, ICC, IP** |
| Primary Accession | P22894 |
| Reactivity | **Rat** |
| Clonality | **Monoclonal** |

**Other Names**
HNC; CLG1; MMP-8; PMNL-CL; COLLAGENASE I; NEUTROPHIL; matrix metalloproteinase 8;

| | |
|---|---|
| Isotype | **Rabbit IgG** |
| Host | **Rabbit** |
| Calculated MW | **53412 Da** |

### MMP8 Antibody - Additional Information

| | |
|---|---|
| Purification | **Affinity-chromatography** |
| Immunogen | **A synthesized peptide derived from human MMP8** |
| Description | **Proteins of the matrix metalloproteinase (MMP) family are involved in the breakdown of extracellular matrix in normal physiological processes, such as embryonic development, reproduction, and tissue remodeling, as well as in disease processes, such as arthritis and metastasis. Most MMP's are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. However, the enzyme encoded by this gene is stored in secondary granules within neutrophils and is activated by autolytic cleavage. Its function is degradation of type I, II and III collagens. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.** |
| Storage Condition and Buffer | **Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.** |

### MMP8 Antibody - Protein Information

**Name** MMP8

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**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

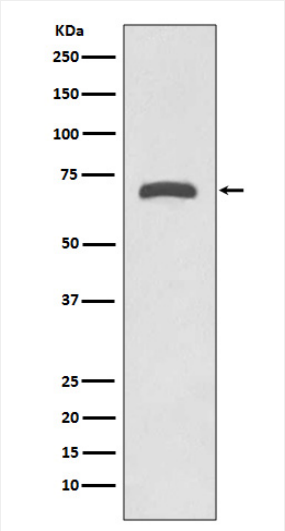
**Tissue Location**
Neutrophils.

## MMP8 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 Cytomety
- Cell Culture

## MMP8 Antibody - Images




Western blot analysis of MMP8 expression in Human placenta lysate.