

### **MMP8 Antibody**

Rabbit mAb Catalog # AP90591

#### **Specification**

### **MMP8 Antibody - Product Information**

WB, IHC, FC, ICC, IP Application

**Primary Accession** P22894 Reactivity Rat **Monoclonal** Clonality

**Other Names** 

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

Rabbit IgG Host **Rabbit** Calculated MW 53412 Da

### **MMP8 Antibody - Additional Information**

Purification **Affinity-chromatography** 

A synthesized peptide derived from human **Immunogen** 

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. 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.

## Storage Condition and Buffer

# **MMP8 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**

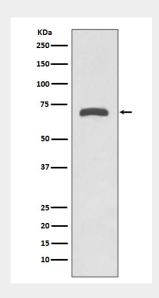
Neutrophils.

## **MMP8 Antibody - Protocols**

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

# **MMP8 Antibody - Images**



Western blot analysis of MMP8 expression in Human placenta lysate.