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# MMP10 Antibody (C-term)

**Purified Rabbit Polyclonal Antibody (Pab)**
**Catalog # AP6194a**

## Specification

### MMP10 Antibody (C-term) - Product Information

| | |
|---|---|
| Application | **WB, IHC-P,E** |
| Primary Accession | P09238 |
| Other Accession | NP_002416 |
| Reactivity | **Human** |
| Host | **Rabbit** |
| Clonality | **Polyclonal** |
| Isotype | **Rabbit Ig** |
| Antigen Region | **394-423** |

### MMP10 Antibody (C-term) - Additional Information

**Gene ID** 4319

**Other Names**
Stromelysin-2, SL-2, Matrix metalloproteinase-10, MMP-10, Transin-2, MMP10, STMY2

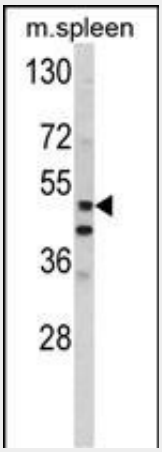
**Target/Specificity**
This MMP10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 394-423 amino acids from the C-terminal region of human MMP10.

**Dilution**
WB~~1:1000
IHC-P~~1:50~100

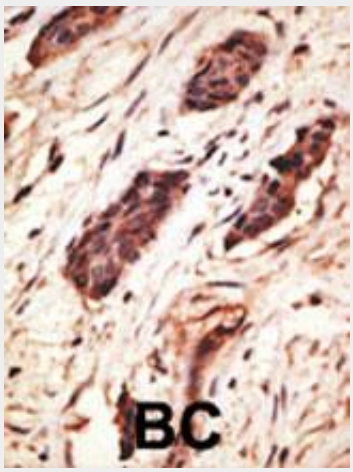
**Format**
Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.

**Storage**
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**
MMP10 Antibody (C-term) is for research




Western blot analysis of hMMP10-R409 (Cat. #AP6194a) in mouse spleen tissue lysates (35ug/lane). MMP10 (arrow) was detected using the purified Pab.




Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.

### MMP10 Antibody (C-term) - Background

use only and not for use in diagnostic or therapeutic procedures.

#### MMP10 Antibody (C-term) - Protein Information

**Name** MMP10

**Synonyms** STMY2

**Function**
Can degrade fibronectin, gelatins of type I, III, IV, and V; weakly collagens III, IV, and V. Activates procollagenase.

**Cellular Location**
Secreted, extracellular space, extracellular matrix

### MMP10 Antibody (C-term) - 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

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 MMPs are secreted as inactive proproteins which are activated when cleaved by extracellular proteinases. MMP10 degrades proteoglycans and fibronectin. The gene is part of a cluster of MMP genes which localize to chromosome 11q22.3.

### MMP10 Antibody (C-term) - References

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Pendas, A.M., et al., Genomics 37(2):266-268 (1996).
Jung, J.Y., et al., Ann. Genet. 33(1):21-23 (1990).
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