

**Product Name: MMP1 (7R3) Rabbit Monoclonal Antibody**  
**Catalog #: AMRe13970**

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## Summary

<b>Production Name</b>	MMP1 (7R3) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,ELISA
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	MMP1
<b>Alternative Names</b>	MMP1;CLG;CLGN; Fibroblast collagenase; Matrix metalloprotease 1;
<b>Gene ID</b>	4312.0
<b>SwissProt ID</b>	P03956.

## Application

<b>Dilution Ratio</b>	WB 1:500-1:2000
<b>Molecular Weight</b>	54kDa

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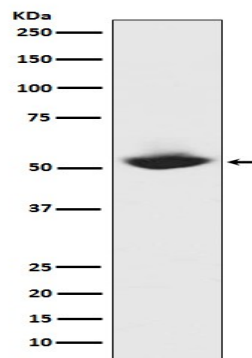
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## Background

MMP1 Cleaves collagens of types I, II, and III at one site in the helical domain. Also cleaves collagens of types VII and X. In case of HIV infection, interacts and cleaves the secreted viral Tat protein, leading to a decrease in neuronal Tat's mediated neurotoxicity. Belongs to the peptidase M10A family. Cleaves collagens of types I, II, and III at one site in the helical domain. Also cleaves collagens of types VII and X (PubMed: [2557822](http://www.uniprot.org/citations/2557822), PubMed: [2153297](http://www.uniprot.org/citations/2153297), PubMed: [1645757](http://www.uniprot.org/citations/1645757), PubMed: [16807369](http://www.uniprot.org/citations/16807369)). In case of HIV infection, interacts and cleaves the secreted viral Tat protein, leading to a decrease in neuronal Tat's mediated neurotoxicity (PubMed: [16807369](http://www.uniprot.org/citations/16807369)).

## Research Area

## Image Data



Western blot analysis of MMP1 expression in MMP1 recombinant protein.

## Note

For research use only.