

# MMP1 Rabbit mAb

Catalog # AP76994

## Product Information

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<b>Application</b>	WB, IP
<b>Primary Accession</b>	<a href="#">P03956</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Monoclonal Antibody
<b>Isotype</b>	IgG
<b>Conjugate</b>	Unconjugated
<b>Purification</b>	Affinity Chromatography
<b>Calculated MW</b>	54007

## Additional Information

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<b>Gene ID</b>	4312
<b>Other Names</b>	MMP1
<b>Dilution</b>	WB~~1:1000 IP~~N/A
<b>Format</b>	Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02% sodium azide and 50% glycerol.
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Protein Information

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<b>Name</b>	MMP1
<b>Synonyms</b>	CLG
<b>Function</b>	Cleaves collagens of types I, II, and III at one site in the helical domain. Also cleaves collagens of types VII and X (PubMed: <a href="#">1645757</a> , PubMed: <a href="#">2153297</a> , PubMed: <a href="#">2557822</a> ). In case of HIV infection, interacts and cleaves the secreted viral Tat protein, leading to a decrease in neuronal Tat's mediated neurotoxicity (PubMed: <a href="#">16807369</a> ).
<b>Cellular Location</b>	Secreted, extracellular space, extracellular matrix

## Background

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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.

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