

MMP-12 Blocking Peptide
Catalog # PBV10343b**Specification**

MMP-12 Blocking Peptide - Product Information

Primary Accession	P39900
Other Accession	NP_002417
Gene ID	4321
Calculated MW	54002

MMP-12 Blocking Peptide - Additional Information**Gene ID** 4321**Application & Usage**

The peptide is used for blocking the antibody activity of active MMP-12. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C

Other Names

Macrophage metalloelastase, MME, 3.4.24.65, Macrophage elastase, ME, hME, Matrix metalloproteinase-12, MMP-12, MMP12, HME

Target/Specificity

MMP-12

Formulation

50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage

-20 °C

Background Descriptions**Precautions**

MMP-12 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

MMP-12 Blocking Peptide - Protein Information**Name** MMP12**Synonyms** HME**Function**

May be involved in tissue injury and remodeling. Has significant elastolytic activity. Can accept large and small amino acids at the P1' site, but has a preference for leucine. Aromatic or hydrophobic residues are preferred at the P1 site, with small hydrophobic residues (preferably alanine) occupying P3.

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

Found in alveolar macrophages but not in peripheral blood monocytes

MMP-12 Blocking Peptide - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MMP-12 Blocking Peptide - Images