

MMP11 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP6195a**Specification**

MMP11 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [P24347](#)
Other Accession [NP_005931](#)

MMP11 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 4320

Other Names

Stromelysin-3, SL-3, ST3, 3424-, Matrix metalloproteinase-11, MMP-11, MMP11, STMY3

Target/Specificity

The synthetic peptide sequence used to generate the antibody [AP6195a](/product/products/AP6195a) was selected from the C-term region of human MMP11. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MMP11 Antibody (C-term) Blocking Peptide - Protein Information

Name MMP11

Synonyms STMY3

Function

May play an important role in the progression of epithelial malignancies.

Cellular Location

Secreted, extracellular space, extracellular matrix

Tissue Location

Specifically expressed in stromal cells of breast carcinomas

MMP11 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

MMP11 Antibody (C-term) Blocking Peptide - Images

MMP11 Antibody (C-term) Blocking Peptide - Background

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. MMP11 may play an important role in the progression of epithelial malignancies. It is specifically expressed in stromal cells of breast carcinomas.

MMP11 Antibody (C-term) Blocking Peptide - References

Anglard, P., et al., J. Biol. Chem. 270(35):20337-20344 (1995). Basset, P., et al., Nature 348(6303):699-704 (1990).