

**MFAP5 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7319b****Specification**

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**MFAP5 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q13361](#)**MFAP5 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 8076**Other Names**

Microfibrillar-associated protein 5, MFAP-5, MP25, Microfibril-associated glycoprotein 2, MAGP-2, MFAP5, MAGP2

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7319b](/products/AP7319b) was selected from the C-term region of human MFAP5. 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.

**MFAP5 Antibody (C-term) Blocking Peptide - Protein Information****Name** MFAP5**Synonyms** MAGP2**Function**

May play a role in hematopoiesis. In the cardiovascular system, could regulate growth factors or participate in cell signaling in maintaining large vessel integrity (By similarity). Component of the elastin-associated microfibrils (PubMed: <http://www.uniprot.org/citations/8557636>).

**Cellular Location**

Secreted, extracellular space, extracellular matrix



## **MFAP5 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **MFAP5 Antibody (C-term) Blocking Peptide - Images**

## **MFAP5 Antibody (C-term) Blocking Peptide - Background**

MFAP5 is a 25-kD microfibril-associated glycoprotein which is rich in serine and threonine residues. The protein lacks a hydrophobic carboxyl terminus and proline-, glutamine-, and tyrosine-rich regions, which are characteristics of a related 31-kDa microfibril-associated glycoprotein (MFAP2). The close similarity between these two proteins is confined to a central region of 60 aa where precise alignment of 7 cysteine residues occurs. The structural differences suggest that this protein has some functions that are distinct from those of MFAP2.

## **MFAP5 Antibody (C-term) Blocking Peptide - References**

Albig,A.R., Becenti,D.J. Microvasc. Res. 76 (1), 7-14 (2008)Miyamoto,A., Lau,R. J. Biol. Chem. 281 (15), 10089-10097 (2006)Penner,A.S., Rock,M.J. J. Biol. Chem. 277 (38), 35044-35049 (2002)Hatzinikolas,G. J. Biol. Chem. 273 (45), 29309-29314 (1998)