

**MFI2 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP19007b****Specification**

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**MFI2 Antibody (C-term) Blocking Peptide - Product Information**

Primary Accession [P08582](#)

**MFI2 Antibody (C-term) Blocking Peptide - Additional Information**

**Gene ID** 4241

**Other Names**

Melanotransferrin, Melanoma-associated antigen p97, CD228, MFI2, MAP97

**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.

**MFI2 Antibody (C-term) Blocking Peptide - Protein Information**

**Name** MELTF ([HGNC:7037](#))

**Synonyms** MAP97, MFI2

**Function**

Involved in iron cellular uptake. Seems to be internalized and then recycled back to the cell membrane. Binds a single atom of iron per subunit. Could also bind zinc.

**Cellular Location**

[Isoform 1]: Cell membrane; Lipid-anchor, GPI- anchor

**Tissue Location**

Found predominantly in human melanomas and in certain fetal tissues; also found in liver, epithelium, umbilical chord, placenta and sweat gland ducts

**MFI2 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

#### **MFI2 Antibody (C-term) Blocking Peptide - Images**

#### **MFI2 Antibody (C-term) Blocking Peptide - Background**

The protein encoded by this gene is a cell-surface glycoprotein found on melanoma cells. The protein shares sequence similarity and iron-binding properties with members of the transferrin superfamily. The importance of the iron binding function has not yet been identified. This gene resides in the same region of chromosome 3 as members of the transferrin superfamily. Alternative splicing results in two transcript variants. [provided by RefSeq].

#### **MFI2 Antibody (C-term) Blocking Peptide - References**

Wang, M., et al. J. Biol. Chem. 284(48):33377-33383(2009) Farnaud, S., et al. Int. J. Biochem. Cell Biol. 40(12):2739-2745(2008) Suryo Rahmanto, Y., et al. Carcinogenesis 28(10):2172-2183(2007) Suryo Rahmanto, Y., et al. Oncogene 26(42):6113-6124(2007) Michaud-Levesque, J., et al. Biol. Chem. 388(7):747-754(2007)