10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

MFI2 Antibody (C-term) Blocking Peptide

Synthetic peptide
Catalog # BP19007b

Specification

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-surfaceglycoprotein found on melanoma cells. The protein shares sequencesimilarity and iron-binding properties with members of thetransferrin superfamily. The importance of the iron bindingfunction has not yet been identified. This gene resides in the sameregion of chromosome 3 as members of the transferrin superfamily.Alternative splicing results in two transcript variants. [providedby 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)