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MFI2 / p97 Antibody (N-Terminus)
Rabbit Polyclonal Antibody
Catalog # ALS10974

Specification

MFI2 / p97 Antibody (N-Terminus) - Product Information

Application	**IHC**
Primary Accession	P08582
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**80kDa KDa**

MFI2 / p97 Antibody (N-Terminus) - Additional Information

Gene ID 4241

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

Target/Specificity
Human MFI2. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage
Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

Precautions
MFI2 / p97 Antibody (N-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

MFI2 / p97 Antibody (N-Terminus) - 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

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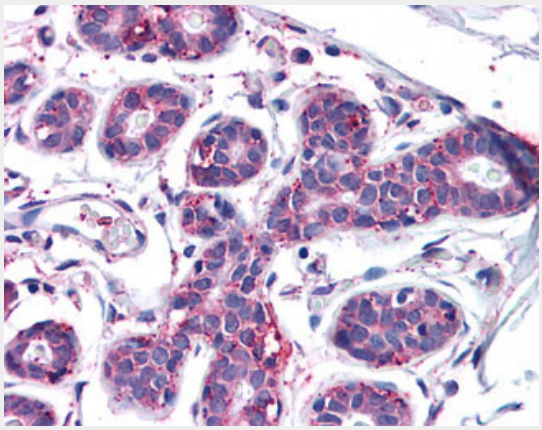
MFI2 / p97 Antibody (N-Terminus) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

MFI2 / p97 Antibody (N-Terminus) - Images



Anti-MFI2 antibody ALS10974 IHC of human breast.

MFI2 / p97 Antibody (N-Terminus) - Background

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.

MFI2 / p97 Antibody (N-Terminus) - References

Rose T.M.,et al.Proc. Natl. Acad. Sci. U.S.A. 83:1261-1265(1986).
Muzny D.M.,et al.Nature 440:1194-1198(2006).
Furukawa K.S.,et al.J. Exp. Med. 169:585-590(1989).
Food M.R.,et al.J. Biol. Chem. 269:3034-3040(1994).
Kennard M.L.,et al.EMBO J. 14:4178-4186(1995).