TRFM Monoclonal Antibody

Catalog No	YP-mAb-05724
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB
Gene Name	MFI2 MAP97
Protein Name	Melanotransferrin (Melanoma-associated antigen p97) (CD antigen CD228)
Immunogen	Synthesized peptide derived from human protein . at AA range: 210-290
Specificity	TRFM Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	81kD
Cell Pathway	[Isoform 1]: Cell membrane; Lipid-anchor, GPI-anchor.
Tissue Specificity	Found predominantly in human melanomas and in certain fetal tissues; also found in liver, epithelium, umbilical chord, placenta and sweat gland ducts.
Function	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.,similarity:Belongs to the transferrin family.,similarity:Contains 2 transferrin-like domains.,tissue specificity:Found predominantly in human melanomas and in certain fetal tissues; also found in liver, epithelium, umbilical chord, placenta and sweat gland ducts.,
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, Jul 2008],
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images