

For Research Use Only

MFI2 Recombinant monoclonal antibody

Catalog Number: 88127-1-RR



Basic Information

Catalog Number: 88127-1-RR	GenBank Accession Number: NM_005929.6	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 4241	CloneNo.: 260392D5
Source: Rabbit	UNIPROT ID: P08582-1	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5	
Immunogen Catalog Number: EG9197	Calculated MW: 80 kDa	
	Observed MW: 82 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : SK-MEL-30 cells, HEK-293 cells, HT-1080 cells, 5637 cells, A431 cells, A375 cells IF/ICC : A375 cells,

Background Information

MFI2 (Melanotransferrin/Mtf/TRMF), also known as p97 or CD228, is an iron-binding glycoprotein belonging to the transferrin family. Alternative RNA splicing yields two forms of different length transcripts, one (the longer) bound to the membrane (mMFI2) and the other (the shorter) secreted to the peripheral environment (sMFI2) such as blood and cell supernatant. MFI2 is upregulated in tumor tissues and has been identified as a serological marker of colorectal cancer (PMID: 25216327).

Storage

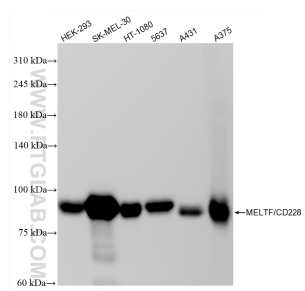
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

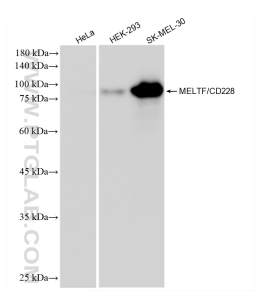
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

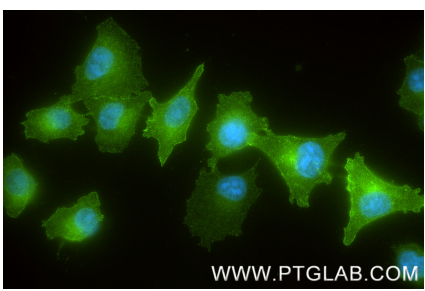
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 88127-1-RR (MF12 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



SK-MEL-30 cells were subjected to SDS PAGE followed by western blot with 88127-1-RR (MELTF/CD228 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. Lower expression of HeLa cells and HEK-293 cells.



Immunofluorescent analysis of (-20°C Methanol) fixed A375 cells using MF12 antibody (88127-1-RR, Clone: 260392D5) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).