

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
Source: Rabbit	GeneID (NCBI): 4241	CloneNo.: 260392D5
Isotype: IgG	UNIPROT ID: P08582-1	Recommended Dilutions: WB: 1:5000-1:50000 IF/ICC: 1:50-1:500
Immunogen Catalog Number: EG9197	Full Name: antigen p97 (melanoma associated) identified by monoclonal antibodies 133.2 and 96.5	
	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

For technical support and original validation data for this product please contact:

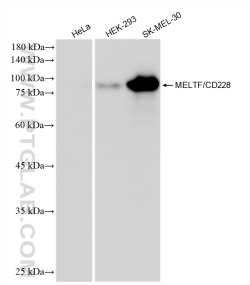
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E: Proteintech-CN@ptglab.com

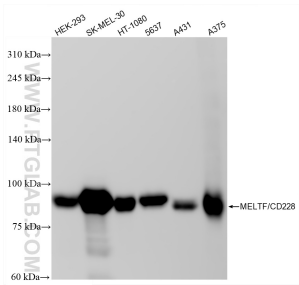
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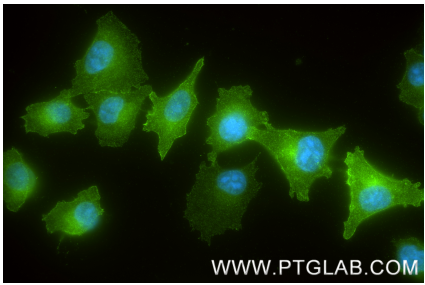
Selected Validation Data



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.



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.



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).