

For Research Use Only

MON1B Monoclonal antibody

Catalog Number: 67985-1-Ig **Featured Product**



Basic Information

Catalog Number: 67985-1-Ig	GenBank Accession Number: BC024277	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 22879	CloneNo.: 3E7C6
Source: Mouse	Full Name: MON1 homolog B (yeast)	Recommended Dilutions: WB 1:2000-1:10000 IF 1:200-1:800
Isotype: IgG2b	Calculated MW: 547 aa, 59 kDa	
Immunogen Catalog Number: AG9920	Observed MW: 59 kDa	

Applications

Tested Applications: IF, WB, ELISA	Positive Controls:
Species Specificity: Human	WB : LNCaP cells, HeLa cells, A549 cells, HEK-293 cells, Jurkat cells, HepG2 cells, K-562 cells, SW480 cells, MCF-7 cells
	IF : HeLa cells,

Background Information

Vacuolar fusion protein MON1 homolog B (MON1B) is also named as HSRG1, KIAA0872 and SAND2, and belongs to the MON1/SAND family. The membrane recruitment of MON1B, a homolog of yeast MON1 protein in mammals, is essential for vesicular fusion of early endosomes (PMID:26987402).

Storage

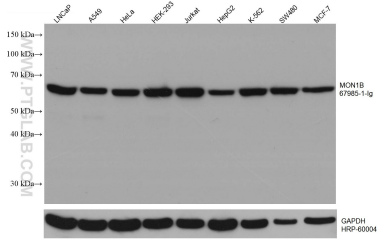
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

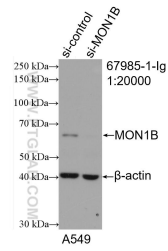
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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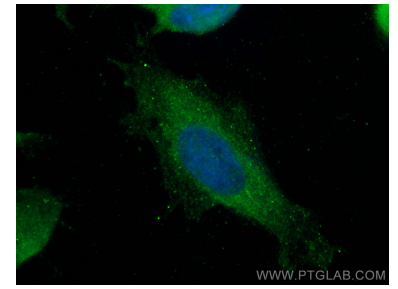
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67985-1-Ig (MON1B antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



WB result of MON1B antibody (67985-1-Ig: 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MON1B transfected A549 cells.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using MON1B antibody (67985-1-Ig, Clone: 3E7C6) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).