

For Research Use Only

Tim23 Monoclonal antibody, PBS Only



Catalog Number: 67535-1-PBS

Basic Information

Catalog Number: 67535-1-PBS	GenBank Accession Number: BC062707	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10431	CloneNo.: 3H10F5
Source: Mouse	UNIPROT ID: O14925	
Isotype: IgG1	Full Name: translocase of inner mitochondrial membrane 23 homolog (yeast)	
Immunogen Catalog Number: AG27069	Calculated MW: 22 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications:
WB, IF, IHC, Indirect ELISA

Species Specificity:
Human, Mouse, Rat

Background Information

Tim23 is a mitochondrial inner membrane protein essential for import of preproteins into the matrix. Tim23 together with Tim17 and Tim44 form the Tim23 complex which mediates the import of nuclear encoded preproteins into the mitochondria. Tim23 is commonly used as loading control for mitochondrial inner membrane protein.

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS Only

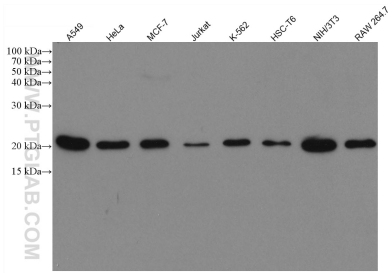
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

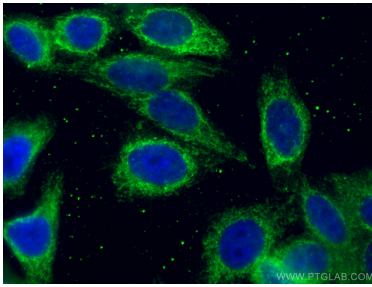
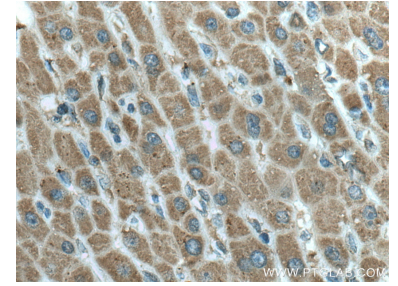
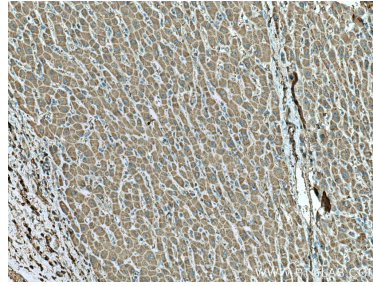
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67535-1-Ig (Tim23 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67535-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using Tim23 antibody (67535-1-Ig, Clone: 3H10F5) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67535-1-PBS in a different storage buffer formulation.