

For Research Use Only

SEC63 Monoclonal antibody, PBS Only



Catalog Number: 67352-1-PBS

Basic Information

Catalog Number: 67352-1-PBS	GenBank Accession Number: BC047221	Purification Method: Protein G purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 11231	CloneNo.: 1C10E1
Source: Mouse	UNIPROT ID: Q9UGP8	
Isotype: IgG1	Full Name: SEC63 homolog (S. cerevisiae)	
Immunogen Catalog Number: AG5783	Calculated MW: 88 kDa	
	Observed MW: 90 kDa	

Applications

Tested Applications:
WB, IF, ELISA

Species Specificity:
Human

Background Information

SEC63 is a integral ER membrane protein. SEC63 and SEC62 form a dimeric complex and play a central role in translocation of nascent and newly synthesized precursor polypeptides into the ER. Mutations in the gene encoding SEC63 cause polycystic liver disease in humans. The intact SEC63 protein is usually detected around 83-90 kDa, while smaller cleavage products can be observed by autophagy proteolysis (PMID: 25052096)

Storage

Storage:
Store at -80°C.

Storage Buffer:
PBS only

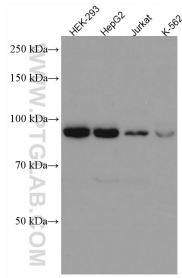
For technical support and original validation data for this product please contact:

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

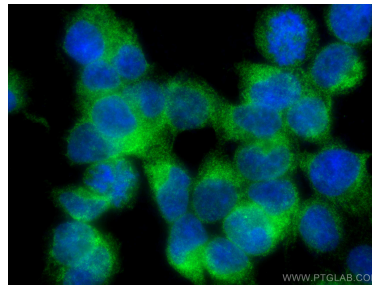
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67352-1-Ig (SEC63 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67352-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HEK-293 cells using SEC63 antibody (67352-1-Ig, Clone: 1C10E1) 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 67352-1-PBS in a different storage buffer formulation.