

For Research Use Only

# SEC16A Monoclonal antibody

Catalog Number: 68493-1-Ig



## Basic Information

<b>Catalog Number:</b> 68493-1-Ig	<b>GenBank Accession Number:</b> NM_014866	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 9919	<b>CloneNo.:</b> 1D9A5
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O15027	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG1	<b>Full Name:</b> SEC16 homolog A (S. cerevisiae)	
	<b>Calculated MW:</b> 234 kDa	
	<b>Observed MW:</b> 250-300 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : LNCaP cells, HeLa cells, HEK-293 cells, Jurkat cells
<b>Species Specificity:</b> Human	

## Background Information

SEC16A, also named as KIAA0310, SEC16 and SEC16L, is required for secretory cargo traffic from the endoplasmic reticulum to the Golgi apparatus. SAR1A-GTP-dependent assembly of SEC16A on the ER membrane forms an organized scaffold defining an ERES. SEC16A is required for normal transitional endoplasmic reticulum (tER) organization.

## Storage

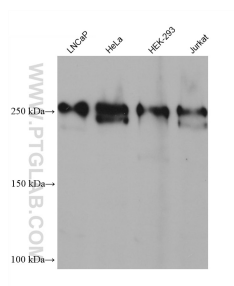
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68493-1-Ig (SEC16A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.