

For Research Use Only

# STT3B Monoclonal antibody, PBS Only

Catalog Number: 68496-1-PBS



## Basic Information

<b>Catalog Number:</b> 68496-1-PBS	<b>GenBank Accession Number:</b> BC015880	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug , Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 201595	<b>CloneNo.:</b> 3B7A8
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q8TCJ2	
<b>Isotype:</b> IgG1	<b>Full Name:</b> STT3, subunit of the oligosaccharyltransferase complex, homolog B (S. cerevisiae)	
<b>Immunogen Catalog Number:</b> AG30866	<b>Calculated MW:</b> 97 kDa	
	<b>Observed MW:</b> 94 kDa	

## Applications

**Tested Applications:**  
WB, FC (Intra), Indirect ELISA

**Species Specificity:**  
human

## Background Information

STT3B is a component of the N-oligosaccharyl transferase (OST) enzyme which catalyzes the transfer of a high mannose oligosaccharide from a lipid-linked oligosaccharide donor to an asparagine residue within an Asn-X-Ser/Thr consensus motif in nascent polypeptide chains. N-glycosylation occurs cotranslationally and the complex associates with the Sec61 complex at the channel-forming translocon complex that mediates protein translocation across the endoplasmic reticulum (ER). SST3B seems to be involved in complex substrate specificity

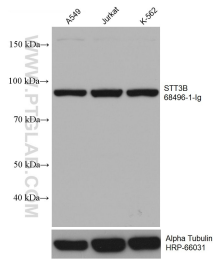
## Storage

**Storage:**  
Store at -80°C.  
**Storage Buffer:**  
PBS Only

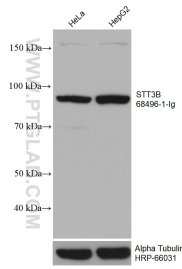
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

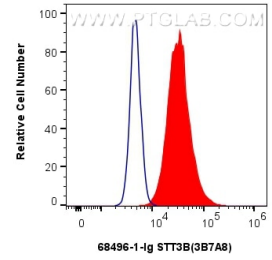
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68496-1-Ig (STT3B antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Alpha Tubulin Monoclonal antibody (HRP-66031) as loading control. This data was developed using the same antibody clone with 68496-1-PBS in a different storage buffer formulation.



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$1 \times 10^6$  A431 cells were intracellularly stained with 0.8 ug STT3B Monoclonal antibody (68496-1-Ig, Clone:3B7A8) and Multi-rAb CoraLite® Plus 488-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (RGAM002)(red), or 0.8 ug Mouse IgG1 isotype control Mouse McAb (66360-1-Ig, Clone: 1F8D3) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same

