

For Research Use Only

# STT3B Monoclonal antibody, PBS Only

Catalog Number: 68496-1-PBS



## Basic Information

Catalog Number:

68496-1-PBS

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG30866

GenBank Accession Number:

BC015880

GeneID (NCBI):

201595

UNIPROT ID:

Q8TCJ2

Full Name:

STT3, subunit of the  
oligosaccharyltransferase complex,  
homolog B (*S. cerevisiae*)

Calculated MW:

97 kDa

Observed MW:

94 kDa

Purification Method:

Protein G purification

CloneNo.:

3B7A8

## 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). STT3B seems to be involved in complex substrate specificity

## Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

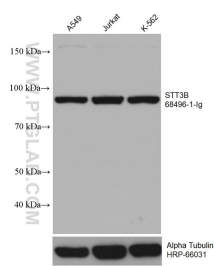
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

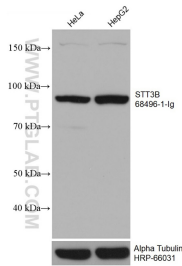
W: [ptgcn.com](http://ptgcn.com)

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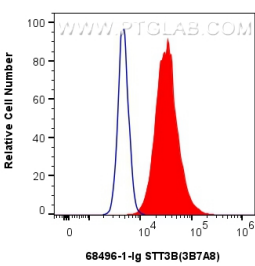
Selected Validation Data



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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1x10<sup>6</sup> A431 cells were intracellularly stained with 0.8 ug STT3B Monoclonal antibody (68496-1-Ig, Clone:3B7A8) and Multi-rAb CoraLite<sup>®</sup> 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 antibody clone