

For Research Use Only

# ST6GAL1 Monoclonal antibody, PBS Only

Catalog Number: 68633-1-PBS



## Basic Information

Catalog Number: 68633-1-PBS	GenBank Accession Number: BC040009	Purification Method: Protein A purification
Size: 1mg/ml	GeneID (NCBI): 6480	CloneNo.: 1F11G5
Source: Mouse	UNIPROT ID: P15907	
Isotype: IgG2b	Full Name: ST6 beta-galactosamide alpha-2,6-sialyltransferase 1	
Immunogen Catalog Number: AG6181	Calculated MW: 47 kDa	
	Observed MW: 43-45 kDa, 50-70 kDa	

## Applications

Tested Applications:  
WB, Indirect ELISA

Species Specificity:  
human, pig

## Background Information

ST6GAL1 (  $\beta$  -galactoside  $\alpha$  -2-6 sialyl transferase1; also known as ST6N or CD75) is a sialyltransferase mediating the glycosylation of proteins and lipids to form functionally important glycoproteins and glycolipids in the Golgi compartment. It is principally expressed in liver, placenta and skeletal muscle. ST6GAL1 undergoes proteolytic process to generate soluble form from membrane form. Western blot analysis of human liver using this antibody detects both isoforms between 43-50 kDa. Higher molecular weight of bands around 50-70 kDa can also be observed with unknown reason. (PMID: 15049997)

## 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:

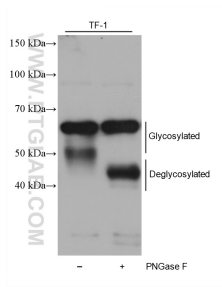
T: 4006900926

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

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

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# Selected Validation Data



TF-1 cells were subjected to SDS PAGE followed by western blot with 68633-1-Ig (ST6GAL1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 68633-1-PBS in a different storage buffer formulation.