

For Research Use Only

ST6GAL1 Monoclonal antibody

Catalog Number: 68633-1-Ig



Basic Information

Catalog Number: 68633-1-Ig	GenBank Accession Number: BC040009	Purification Method: Protein A purification
Size: 150ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 6480	CloneNo.: 1F11G5
Source: Mouse	UNIPROT ID: P15907	Recommended Dilutions: WB 1:5000-1:50000
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, ELISA	Positive Controls: WB : TF-1 cells,
Species Specificity: human, pig	

Background Information

ST6GAL1 (β -galactoside α -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

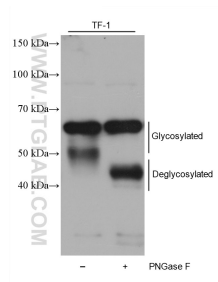
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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