

For Research Use Only

ST6GAL1 Monoclonal antibody

Catalog Number: 68633-1-Ig



Basic Information

Catalog Number:

68633-1-Ig

Size:

1000 μ g/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG6181

GenBank Accession Number:

BC040009

GeneID (NCBI):

6480

UNIPROT ID:

P15907

Full Name:

ST6 beta-galactosamide alpha-2,6-sialyltransferase 1

Calculated MW:

47 kDa

Observed MW:

43-45 kDa, 50-70 kDa

Purification Method:

Protein A purification

CloneNo.:

1F11G5

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, pig

Positive Controls:

WB : TF-1 cells,

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

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

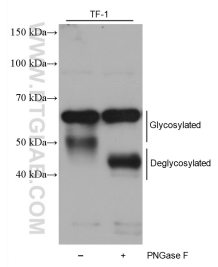
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.