

For Research Use Only

ST6GAL1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87412-3-PBS



Basic Information

Catalog Number:

87412-3-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG5012

GenBank Accession Number:

BC040009

GeneID (NCBI):

6480

UNIPROT ID:

P15907

Full Name:

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

Calculated MW:

47 kDa

Purification Method:

Protein A purification

CloneNo.:

251718G5

Applications

Tested Applications:

Sandwich ELISA, Indirect ELISA

Species Specificity:

human

Background Information

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, pH7.3

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

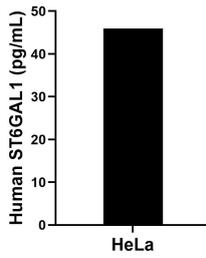
T: 4006900926

E: Proteintech-CN@ptglab.com

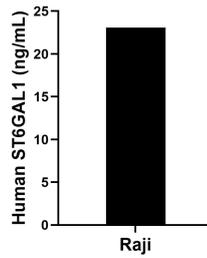
W: ptgcn.com

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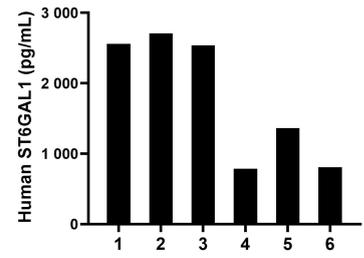
Selected Validation Data



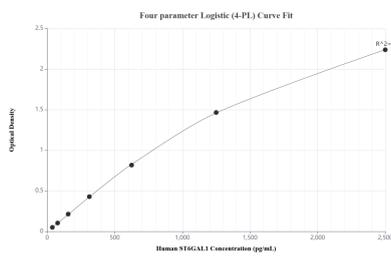
HeLa were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 μ g/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human ST6GAL1, and measured 46.0 pg/mL.



The mean ST6GAL1 concentration was determined to be 23.1 ng/mL in Raji cell extract based on a 1.2 mg/mL extract load.



Plasma of six individual healthy human donors was measured. The ST6GAL1 concentration of detected samples was determined to be 1,794.3 pg/mL with a range of 786.9-2,709.1 pg/mL.



Sandwich ELISA standard curve of MP02980-2, Human ST6GAL1 Recombinant Matched Antibody Pair - PBS only. 87412-4-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Eg5012. 87412-3-PBS was HRP conjugated as the detection antibody. Range: 39.1-2500 pg/mL.