

For Research Use Only

# ST6GAL1 Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87412-4-PBS



## Basic Information

|  |   |   |
|--|---|---|
| <b>Catalog Number:</b><br>87412-4-PBS      | <b>GenBank Accession Number:</b><br>BC040009                              | <b>Purification Method:</b><br>Protein A purification |
| <b>Source:</b><br>Rabbit                   | <b>GeneID (NCBI):</b><br>6480   | <b>CloneNo.:</b><br>251718G3                          |
| <b>Isotype:</b><br>IgG                     | <b>UNIPROT ID:</b><br>P15907  |   |
| <b>Immunogen Catalog Number:</b><br>EG5012 | <b>Full Name:</b><br>ST6 beta-galactosamide alpha-2,6-sialyltransferase 1 |   |
|  | <b>Calculated MW:</b><br>47 kDa   |   |

## 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:

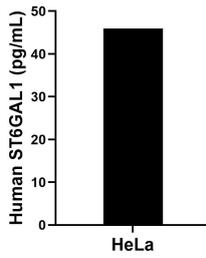
T: 4006900926

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

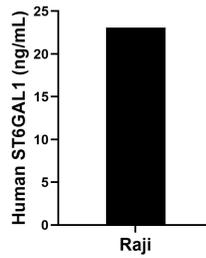
W: [ptgcn.com](http://ptgcn.com)

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

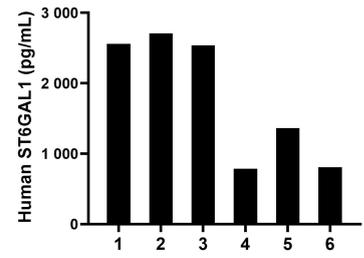
## Selected Validation Data



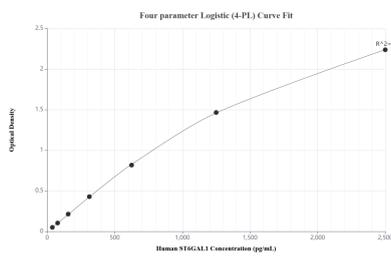
HeLa were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human ST6GAL1, and measured 46.0 pg/mL.



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.