

For Research Use Only

ST6GAL1 Recombinant monoclonal antibody, PBS Only (Detector)

Catalog Number: 87412-3-PBS



Basic Information

Catalog Number: 87412-3-PBS	GenBank Accession Number: BC040009	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 6480	CloneNo.: 251718G5
Source: Rabbit	UNIPROT ID: P15907	
Isotype: IgG	Full Name: ST6 beta-galactosamide alpha-2,6-sialyltransferase 1	
Immunogen Catalog Number: EG5012	Calculated MW: 47 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA

Species Specificity:
human

Product Information

87412-3-PBS targets ST6GAL1 as part of a matched antibody pair:

MP02980-2: 87412-4-PBS capture and 87412-3-PBS detection (validated in Sandwich ELISA)

Unconjugated rabbit recombinant monoclonal antibody in PBS only (BSA and azide free) storage buffer at a concentration of 1 mg/mL, ready for conjugation. Created using Proteintech's proprietary in-house recombinant technology. Recombinant production enables unrivalled batch-to-batch consistency, easy scale-up, and future security of supply.

This conjugation ready format makes antibodies ideal for use in many applications including: ELISAs, multiplex assays requiring matched pairs, mass cytometry, and multiplex imaging applications. Antibody use should be optimized by the end user for each application and assay.

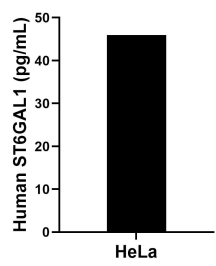
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS only, pH7.3

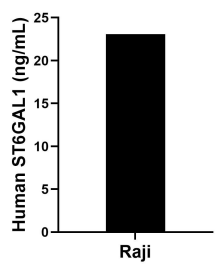
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

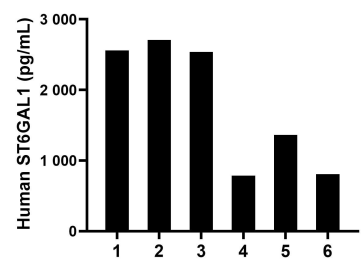
Selected Validation Data



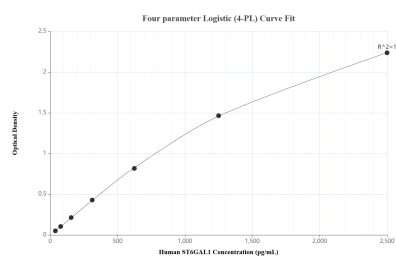
HeLa were cultured in DMEM supplemented with 10% fetal bovine serum, 2.5 mM L-glutamine, 100 U/mL penicillin, and 100 µg/mL streptomycin sulfate. An aliquot of the cell culture supernate was removed, assayed for human ST6GAL1, and measured 46.0 pg/mL.



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.