

For Research Use Only

B3GNT3 Recombinant monoclonal antibody

Catalog Number: 85713-1-RR



Basic Information

Catalog Number: 85713-1-RR	GenBank Accession Number: BC066876	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 10331	CloneNo.: 242979D7
Isotype: IgG	UNIPROT ID: Q9Y2A9	Recommended Dilutions: WB: 1:1000-1:4000
Immunogen Catalog Number: AG12061	Full Name: UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3	
	Calculated MW: 372 aa, 43 kDa	
	Observed MW: 43 kDa	

Applications

Tested Applications:
WB, ELISA

Species Specificity:
human

Positive Controls:

WB : HeLa cells, NCI-H1299 cells, SH-SY5Y cells, SW 1990 cells, A549 cells, HT-29 cells

Background Information

Beta-1,3-N-acetylglucosaminyltransferase 3 (B3GNT3) is a type II transmembrane protein located in the Golgi apparatus and contributes to the regulation of L-selectin ligand function, lymphocyte trafficking, and T cell homing. B3GNT3 is overexpressed in breast cancer, and also plays a critical role in the aggressiveness of pancreatic cancer (PMID: 33718036, 30466404). Western blot analysis detected B3GNT3 at an apparent molecular mass of 43 kDa.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.

Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

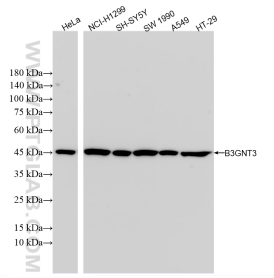
T: 4006900926

E: Proteintech-CN@ptglab.com

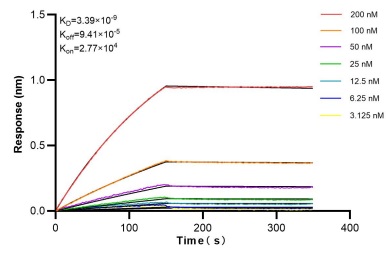
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85713-1-RR (B3GNT3 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85637-2-RR against Human B3GNT3 were performed. The affinity constant is 3.39 nM.