

For Research Use Only

B3GNT3 Recombinant monoclonal antibody, PBS Only

Catalog Number: 85713-1-PBS



Basic Information

Catalog Number: 85713-1-PBS	GenBank Accession Number: BC066876	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 10331	CloneNo.: 242979D7
Source: Rabbit	UNIPROT ID: Q9Y2A9	
Isotype: IgG	Full Name: UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3	
Immunogen Catalog Number: AG12061	Calculated MW: 372 aa, 43 kDa	
	Observed MW: 43 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

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 -80°C.

Storage Buffer:
PBS only, pH7.3

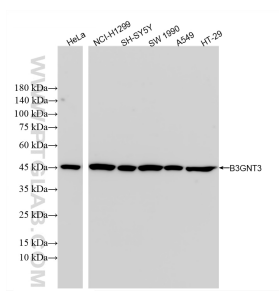
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

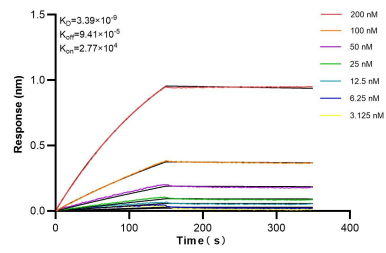
E: proteintech@ptglab.com
W: ptglab.com

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

Selected Validation Data



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. This data was developed using the same antibody clone with 85713-1-PBS in a different storage buffer formulation.



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