

For Research Use Only

B4GALT6 Recombinant monoclonal antibody, PBS Only

Catalog Number: 87222-2-PBS



Basic Information

Catalog Number: 87222-2-PBS	GenBank Accession Number: BC074884	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 9331	CloneNo.: 251395A11
Isotype: IgG	UNIPROT ID: Q9UBX8	
Immunogen Catalog Number: AG13686	Full Name: UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 6	
	Calculated MW: 382 aa, 45 kDa	
	Observed MW: 45-60 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human

Background Information

B4GALT6 encodes for a type II membrane-bound glycoprotein, which plays a crucial role in lactosylceramide synthesis by transferring galactose from UDP-galactose to glucosylceramide. B4GALT6 in astrocytes boosts CNS inflammation and promote neurodegeneration during chronic CNS inflammation (PMID: 25216636). Abnormal interactions of glycosyltransferases/glycosidases such as B4GALT6 can cause imbalances in key glycosylation modifications, thereby driving the disease process through a triple cascade reaction (PMID: 41112602).

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:

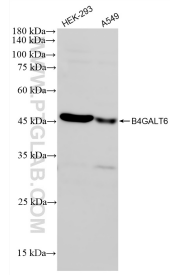
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E: Proteintech-CN@ptglab.com

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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 87222-2-RR (B4GALT6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87222-2-PBS in a different storage buffer formulation.