

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
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 9331	CloneNo.: 251395A11
Source: Rabbit	UNIPROT ID: Q9UBX8	
Isotype: IgG	Full Name: UDP-Gal:betaGlcNAc beta 1,4-galactosyltransferase, polypeptide 6	
Immunogen Catalog Number: AG13686	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

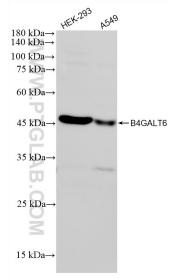
Storage:
Store at -80°C.

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)
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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.