

For Research Use Only

B3GAT1 Monoclonal antibody

Catalog Number: 66711-1-Ig



Basic Information

Catalog Number: 66711-1-Ig	GenBank Accession Number: BC010466	Purification Method: Protein A purification
Size: 150ul , Concentration: 2000 ug/ml by Nanodrop and 1133 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 27087	CloneNo.: 1F4A11
Source: Mouse	UNIPROT ID: Q9P2W7	Recommended Dilutions: WB 1:2000-1:16000
Isotype: IgG2a	Full Name: beta-1,3-glucuronyltransferase 1 (glucuronosyltransferase P)	
Immunogen Catalog Number: AG13593	Calculated MW: 38 kDa	
	Observed MW: 38 kDa, 100 kDa	

Applications

Tested Applications: WB, FC (Intra), ELISA	Positive Controls: WB : K-562 cells, mouse brain tissue, Jurkat cells, PC-3 cells, SH-SY5Y cells, U-251 cells
Species Specificity: human, mouse	

Background Information

B3GAT1 is associated with glycosaminoglycan biosynthesis. It plays a key role in neurodevelopment. The calculated molecular weight of B3GAT1 is 38 kDa and 66711-1-Ig antibody detects 100 kDa form in SDS-PAGE which might as a result of homodimer or glycosylation.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

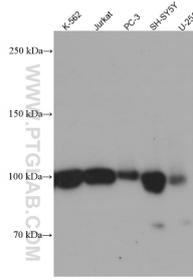
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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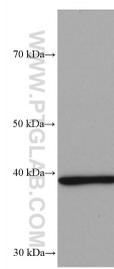
E: proteintech@ptglab.com
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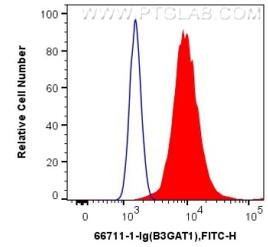
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 66711-1-Ig (B3GAT1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



mouse brain tissue were subjected to SDS PAGE followed by western blot with 66711-1-Ig (B3GAT1 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



1X10⁶ K-562 cells were intracellularly stained with 0.4 ug Anti-Human CD57 (66711-1-Ig, Clone:1F4A11) and Coralite@488-Conjugated Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG2a Isotype Control (66360-2-Ig, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).