

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 µg/ml by Nanodrop and 1133 µg/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

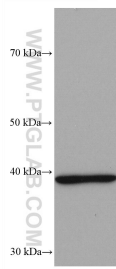
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

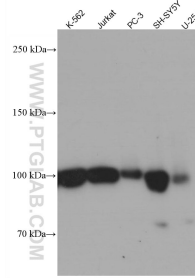
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

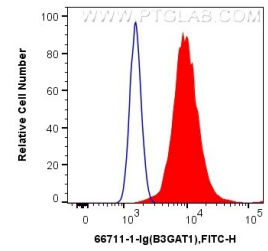
Selected Validation Data



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.



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.



1X10⁶ K-562 cells were intracellularly stained with 0.4 ug Anti-Human CD57 (66711-1-Ig, Clone:1F4A11) and Coralite@488-Conjugated AffiniPure 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).