

For Research Use Only

B3GAT1 Monoclonal antibody

Catalog Number: 66711-1-Ig



Basic Information

Catalog Number:

66711-1-Ig

Size:

1000 ug/ml

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG13593

GenBank Accession Number:

BC010466

GeneID (NCBI):

27087

UNIPROT ID:

Q9P2W7

Full Name:

beta-1,3-glucuronyltransferase 1
(glucuronosyltransferase P)

Calculated MW:

38 kDa

Observed MW:

38 kDa, 100 kDa

Purification Method:

Protein A purification

CloneNo.:

1F4A11

Recommended Dilutions:

WB 1:2000-1:16000

Applications

Tested Applications:

WB, FC (Intra), ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : K-562 cells, mouse brain tissue, Jurkat cells, PC-3 cells, SH-SY5Y cells, U-251 cells

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

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

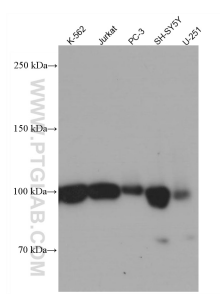
T: 4006900926

E: Proteintech-CN@ptglab.com

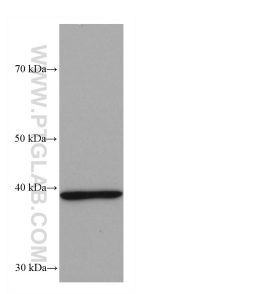
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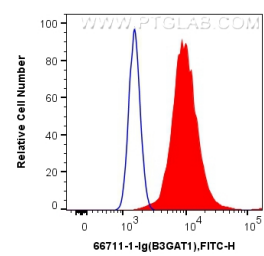
Selected Validation Data



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 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).