
Product Name: B4GALNT1 Mouse Monoclonal Antibody**Catalog #: AMM82772**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB,IHC,ELISA,FC
Reactivity	Human, Mouse, Monkey
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
Molecular Weight	58.9kDa

Antigen Information

Gene Name	B4GALNT1
Alternative Names	GALGT; SPG26; GALNACT; GalNAc-T
Gene ID	2583.0
SwissProt ID	Q00973
Immunogen	Purified recombinant fragment of human B4GALNT1 (AA: 26-225) expressed in E. Coli.

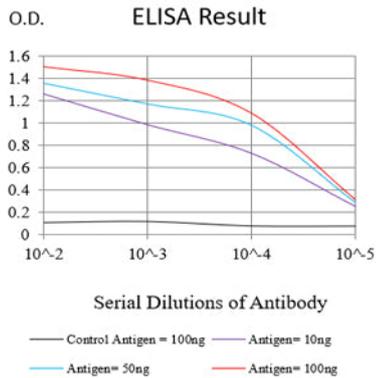
Background

GM2 and GD2 gangliosides are sialic acid-containing glycosphingolipids. GalNAc-T is the enzyme involved in the biosynthesis of G(M2) and G(D2) glycosphingolipids. GalNAc-T catalyzes the transfer of GalNAc into G(M3) and G(D3) by a beta-1,4 linkage, resulting in the synthesis of G(M2) and G(D2), respectively. Three transcript variants encoding different isoforms have been

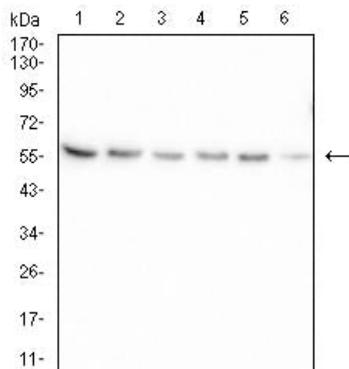
found for this gene.

Research Area

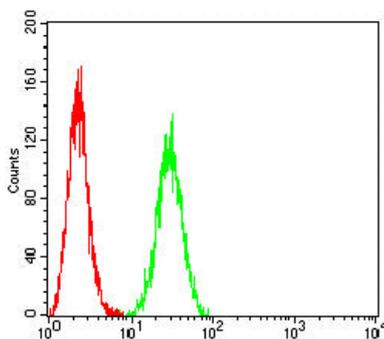
Image Data



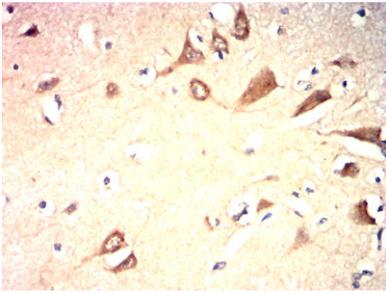
Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



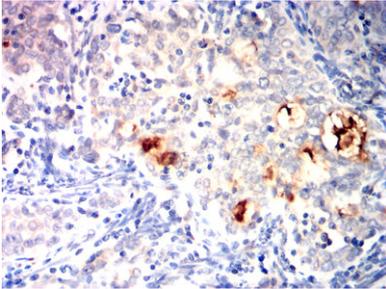
Western blot analysis using B4GALNT1 mouse mAb against HeLa (1), Jurkat (2), HepG2 (3), k562 (4), COS-7 (5), and NIH/3T3 (6) cell lysate.



Flow cytometric analysis of HeLa cells using B4GALNT1 mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human brain tissues using B4GALNT1 mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using B4GALNT1 mouse mAb with DAB staining.