

For Research Use Only

ST6GALNAC6 Monoclonal antibody, PBS Only



Catalog Number: 66209-1-PBS

Basic Information

Catalog Number: 66209-1-PBS	GenBank Accession Number: BC007802	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 30815	CloneNo.: 1A7B7
Source: Mouse	UNIPROT ID: Q969X2	
Isotype: IgG1	Full Name: ST6 (alpha-N-acetyl-neuraminyl-2,3-beta-galactosyl-1,3)-N-acetylglactosaminide alpha-2,6-sialyltransferase 6	
Immunogen Catalog Number: AG8358	Calculated MW: 333aa,38 kDa; 374aa,41 kDa	
	Observed MW: 38-42 kDa	

Applications

Tested Applications:
WB, IF, IHC, ELISA

Species Specificity:
human, mouse

Background Information

ST6GALNAC6 is a sialyltransferase which is responsible for the synthesis of all a-series gangliosides. It has a broad expression pattern. ST6GALNAC6 was reported to be a key enzyme in the synthesis of disialyl monosialyl Lewis (Lea), a representative tumor-associated antigen in cancers of the pancreas and colon.

Storage

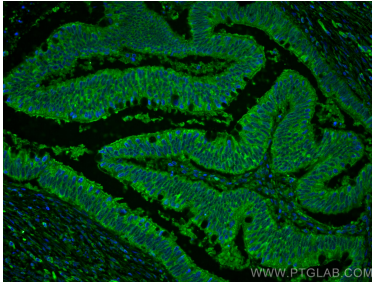
Storage:
Store at -80°C.

Storage Buffer:
PBS only

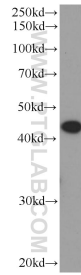
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

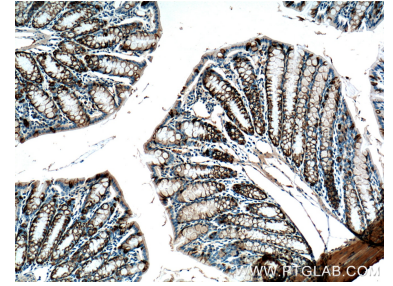
Selected Validation Data



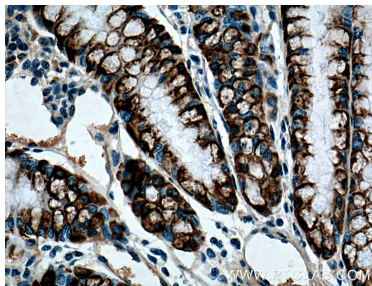
Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using ST6GALNAC6 antibody (66209-1-Ig, Clone: 1A7B7) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66209-1-PBS in a different storage buffer formulation.



COLO 320 cells were subjected to SDS PAGE followed by western blot with 66209-1-Ig (ST6GALNAC6 Antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66209-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 66209-1-Ig (ST6GALNAC6 Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66209-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 66209-1-Ig (ST6GALNAC6 Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66209-1-PBS in a different storage buffer formulation.