

For Research Use Only

CoraLite® Plus 488-conjugated ST6GALNAC6 Monoclonal antibody



Catalog Number:CL488-66209

Basic Information

Catalog Number: CL488-66209	GenBank Accession Number: BC007802	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 30815	CloneNo.: 1A7B7
Source: Mouse	UNIPROT ID: Q969X2	Recommended Dilutions: IF-P 1:50-1:500 IF/ICC 1:50-1:500
Isotype: IgG1	Full Name: ST6 (alpha-N-acetyl-neuraminyl-2,3- beta-galactosyl-1,3)-N- acetylgalactosaminide alpha-2,6- sialyltransferase 6	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG8358	Calculated MW: 333aa,38 kDa; 374aa,41 kDa	
	Observed MW: 38-42 kDa	

Applications

Tested Applications: IF/ICC, IF-P	Positive Controls:
Species Specificity: human, mouse	IF-P : human colon cancer tissue, IF/ICC : U2OS cells,

Background Information

ST6GALNAC6 is a sialyltransferase that 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 -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

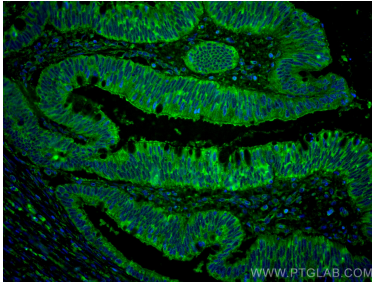
T: 4006900926

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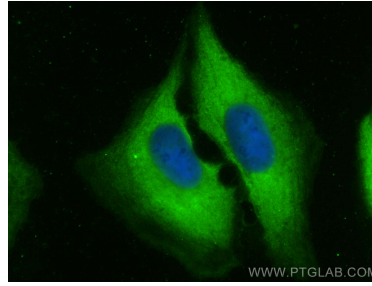
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human colon cancer tissue using CoraLite® Plus 488 ST6GALNAC6 antibody (CL488-66209, Clone: 1A7B7) at dilution of 1:200.



Immunofluorescent analysis of (-20°C Methanol) fixed U2OS cells using CoraLite® Plus 488 ST6GALNAC6 antibody (CL488-66209, Clone: 1A7B7) at dilution of 1:200.