

For Research Use Only

# CoraLite® Plus 488-conjugated ST6GALNAC6 Monoclonal antibody



Catalog Number:CL488-66209

## Basic Information

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

## Applications

<b>Tested Applications:</b> IF-P	<b>Positive Controls:</b> IF : human colon cancer tissue,
<b>Species Specificity:</b> 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 -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:

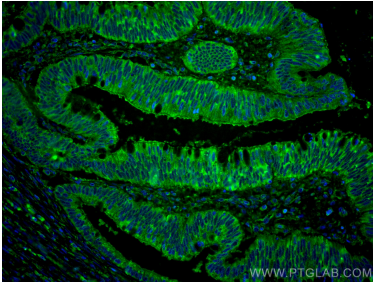
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## Selected Validation Data



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.