

For Research Use Only

# CoraLite®594-conjugated ST6GALNAC6 Monoclonal antibody



Catalog Number:CL594-66209

## Basic Information

Catalog Number:

CL594-66209

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG8358

GenBank Accession Number:

BC007802

GeneID (NCBI):

30815

UNIPROT ID:

Q969X2

Full Name:

ST6 (alpha-N-acetyl-neuraminyL-2,3-  
beta-galactosyl-1,3)-N-  
acetylgalactosaminide alpha-2,6-  
sialyltransferase 6

Calculated MW:

333aa,38 kDa; 374aa,41 kDa

Observed MW:

38-42 kDa

Purification Method:

Protein G purification

CloneNo.:

1A7B7

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima

wavelengths:

588 nm / 604 nm

## Applications

Tested Applications:

IF-P

Species Specificity:

human, mouse

Positive Controls:

IF : human colon cancer tissue,

## 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:

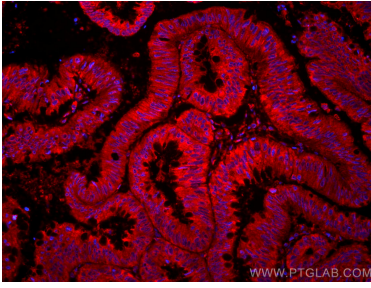
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.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 CoraLite®594 ST6GALNAC6 antibody (CL594-66209, Clone: 1A7B7 ) at dilution of 1:200.