

For Research Use Only

# CoraLite® Plus 488-conjugated CHST4 Monoclonal antibody



Catalog Number: CL488-66623

## Basic Information

Catalog Number:

CL488-66623

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG3987

GenBank Accession Number:

BC035282

GeneID (NCBI):

10164

UNIPROT ID:

Q8NCG5

Full Name:

carbohydrate (N-acetylglucosamine  
6-O) sulfotransferase 4

Calculated MW:

370 aa, 43 kDa

Observed MW:

48 kDa

Purification Method:

Protein G purification

CloneNo.:

1E1A4

Recommended Dilutions:

IF 1:50-1:500

Excitation/Emission maxima  
wavelengths:

493 nm / 522 nm

## Applications

Tested Applications:

IF/ICC

Species Specificity:

Human

Positive Controls:

IF : HeLa cells,

## Background Information

CHST4, also named as HEC GlcNAc6ST and GlcNAc6ST 2, is one of a major GlcNAc-6-O-sulfotransferases involved in synthesizing the L-selectin ligands mediating lymphocyte homing. CHST4 is associated with the expression of MECA-79 epitope on HEV. It has been reported that the transcripts of CHST4 can be detected in lymph node, liver, pancreas and high endothelial venules (HEVs) but at a low level in HUVECs. Besides, CHST4 is expressed at a high level in gastric and colorectal cancer patients compared with normal mucosa. (PMID:30093410, 27748735, 10330415)

## 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:

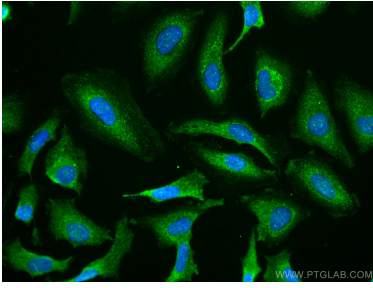
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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 CHST4 antibody (CL488-66623, Clone: 1E1A4) at dilution of 1:200.