For Research Use Only

CoraLite® Plus 488-conjugated CHST4 Monoclonal antibody

Catalog Number:CL488-66623

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Antibodies | ELISA kits | Proteins
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Basic Information

Catalog Number:
CL488-66623

Size:
100ul , Concentration: 1000 μg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG3987

GenBank Accession Number:
BC035282

GeneID (NCBI):
10164

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:
488 nm / 515 nm

Applications

Tested Applications:
IF

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

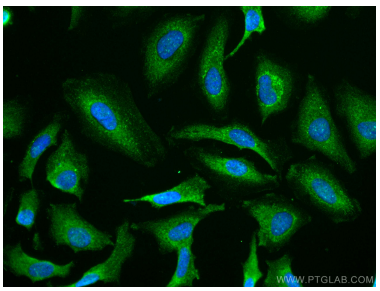
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

***** 20ul sizes contain 0.1% BSA**

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