

For Research Use Only

CHST4 Monoclonal antibody, PBS Only



Catalog Number: 66623-1-PBS

Featured Product

Basic Information

Catalog Number:

66623-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

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

Applications

Tested Applications:

WB, IF, IHC, Indirect ELISA

Species Specificity:

Human

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 -80°C.

Storage Buffer:

PBS Only

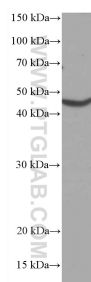
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

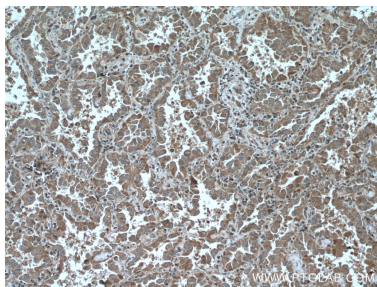
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

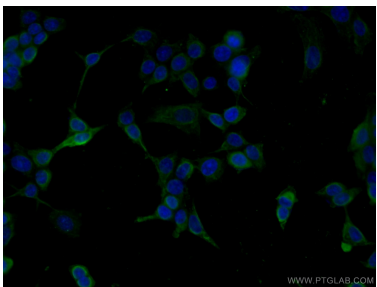
Selected Validation Data



HT-29 cells were subjected to SDS PAGE followed by western blot with 66623-1-Ig (CHST4 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66623-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 66623-1-Ig (CHST4 antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66623-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed MCF-7 cells using 66623-1-Ig (CHST4 antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66623-1-PBS in a different storage buffer formulation.