

For Research Use Only

CoraLite® Plus 488-conjugated SDC2 Monoclonal antibody

Catalog Number:CL488-67088



Basic Information

Catalog Number:

CL488-67088

Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2a

Immunogen Catalog Number:

AG5739

GenBank Accession Number:

BC049836

GeneID (NCBI):

6383

UNIPROT ID:

P34741

Full Name:

syndecan 2

Calculated MW:

22 kDa

Observed MW:

22 kDa

Purification Method:

Protein A purification

CloneNo.:

3A7B2

Recommended Dilutions:

WB 1:1000-1:4000

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

WB

Species Specificity:

Human

Positive Controls:

WB : A549 cells, HuH-7 cells, L02 cells

Background Information

SDC2, containing cell surface heparan sulphate proteoglycan, functions as an integral membrane protein and participates in cell proliferation, cell migration, cell adhesion and signal transduction. It has been reported that the expression level of SDC2 will be up-regulated under hypoxia condition which can induce increased release of cytokines and chemokines. Besides, methylated SDC2 can be used as a potential biomarker for early diagnosis of colon cancer. 67088-1-Ig antibody detects the 19 and 22 kDa SDC2 isoforms as well as the 48 kDa dimeric protein in SDS-PAGE.(PMID: 18803305, 23297089, 30022330, 29945573)

Storage

Storage:

Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

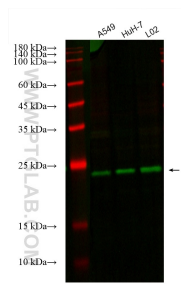
For technical support and original validation data for this product please contact:

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

Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with CL488-67088 (SDC2 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.