

For Research Use Only

CoraLux™ Violet 510 Anti-Mouse SDC2 Rabbit Recombinant Antibody

Catalog Number: CLV510-98399



Basic Information

Catalog Number:

CLV510-98399

Size:

100ug , 500 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG2700

GenBank Accession Number:

NM_008304.2

GeneID (NCBI):

15529

UNIPROT ID:

P43407

Full Name:

syndecan 2

Calculated MW:

22 kDa

Purification Method:

Protein A purification

CloneNo.:

242939A12

Recommended Dilutions:

FC: 0.25 ug per 10⁶ cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

410 nm / 501 nm

Applications

Tested Applications:

FC

Species Specificity:

mouse

Positive Controls:

FC : Transfected HEK-293T 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 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide, pH7.3

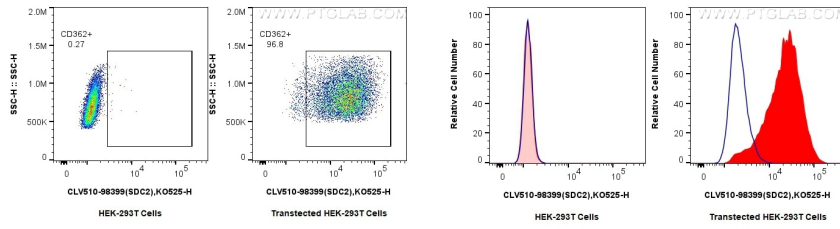
For technical support and original validation data for this product please contact:

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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



1x10⁶ HEK-293T cells or SDC2 transfected HEK-293T cells were surface stained with 0.25 ug CoraLite®500 Anti-Mouse SDC2 Rabbit RecAb (CLV510-98399, Clone: 242939A12). Cells were not fixed.

1x10⁶ SDC2 transfected HEK-293T cells were surface stained with 0.25 ug CoraLite®500 Anti-Mouse SDC2 Rabbit RecAb (CLV510-98399, Clone: 242939A12) (red), or 0.25 ug Control Antibody (blue). Cells were not fixed.