

For Research Use Only

Anti-Mouse SDC2 Rabbit Recombinant Antibody

Catalog Number: 98399-1-RR



Basic Information

Catalog Number:

98399-1-RR

Concentration:

100ug, 1000 µg/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 100 µl suspension

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.

Storage

Storage:

Store at 2 - 8°C. 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:

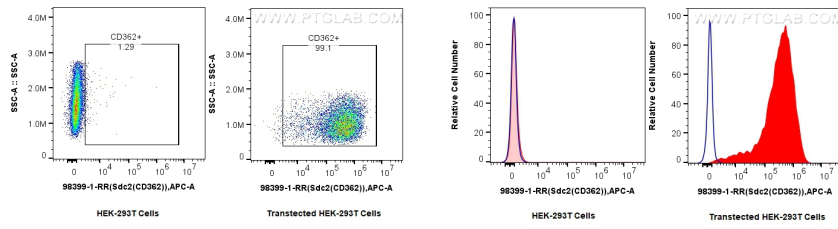
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Selected Validation Data



1x10⁶ HEK-293T cells or SDC2 transfected HEK-293T cells were surface stained with 0.25 ug Anti-Mouse SDC2 Rabbit RecAb (98399-1-RR, Clone:242939A12) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.

1x10⁶ HEK-293T cells(left) or SDC2 transfected HEK-293T cells(right) were surface stained with 0.25 ug Anti-Mouse SDC2 Rabbit RecAb (98399-1-RR, Clone:242939A12)(red), or Rabbit IgG Isotype Control RecAb (98136-1-RR, Clone: 240953C9) (blue) and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.