Product Datasheet

SDC1 Antibody

Catalog No: #32248

Package Size: #32248-1 50ul #32248-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

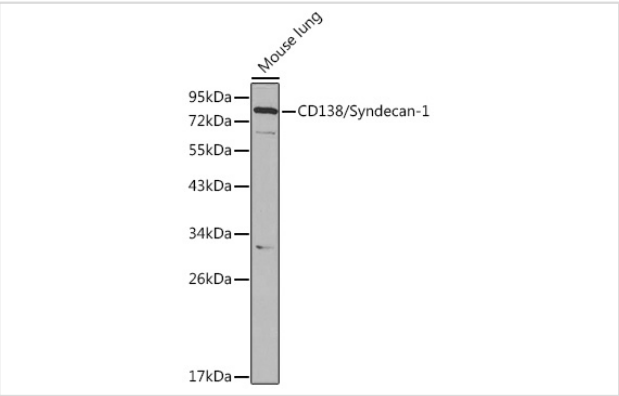
Description

Product Name	SDC1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human;Mouse;Rat
Specificity	The antibody detects endogenous level of total SDC1 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human CD138/Syndecan-1 (NP_002988.3).
Conjugates	Unconjugated
Target Name	SDC1
Other Names	SDC1;CD138;SDC;SYND1;syndecan
Accession No.	Uniprot:P18827GeneID:6382
SDS-PAGE MW	85kDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

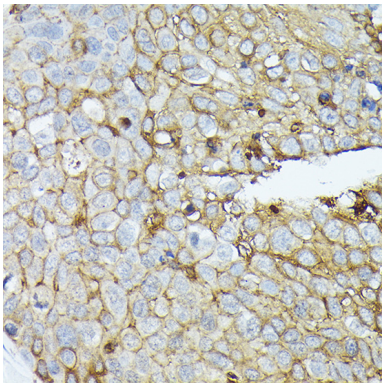
Application Details

WB□1:500 - 1:2000IHC□1:50 - 1:200

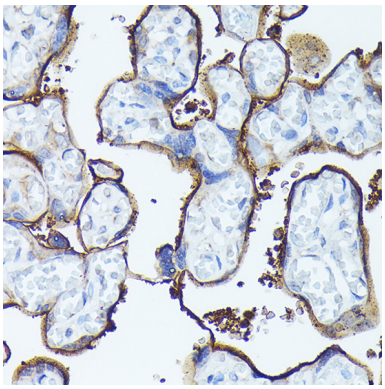
Images



Western blot analysis of extracts of Mouse lung cells, using CD138/Syndecan-1 antibody.



Immunohistochemistry of paraffin-embedded human esophageal cancer using CD138/Syndecan-1 Rabbit pAb.



Immunohistochemistry of paraffin-embedded human placenta using CD138/Syndecan-1 Rabbit pAb.

Background

The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan and is a member of the syndecan proteoglycan family. The syndecans mediate cell binding, cell signaling, and cytoskeletal organization and syndecan receptors are required for internalization of the HIV-1 tat protein. The syndecan-1 protein functions as an integral membrane protein and participates in cell proliferation, cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. Altered syndecan-1 expression has been detected in several different tumor types. While several transcript variants may exist for this gene, the full-length natures of only two have been described to date. These two represent the major variants of this gene and encode the same protein.

Published Papers

el at., Hydrogen Gas Inhalation Attenuates Endothelial Glycocalyx Damage and Stabilizes Hemodynamics in a Rat Hemorrhagic Shock Model. In Shock

on 2020 Sep by Tomoyoshi Tamura, Motoaki Sano, et al..PMID:32804466, , (2020)

PMID:32804466

Note: This product is for in vitro research use only and is not intended for use in humans or animals.