

CD138 Polyclonal Antibody

Catalog # AP73793

Specification

CD138 Polyclonal Antibody - Product Information

Application WB, IHC-P
Primary Accession P18827
Reactivity Human
Host Rabbit
Clonality Polyclonal

CD138 Polyclonal Antibody - Additional Information

Gene ID 6382

Other Names

SDC1; SDC; Syndecan-1; SYND1; CD138

Dilution

WB~~Western Blot: 1/500 - 1/2000. IHC-p: 1:100-1:300. ELISA: 1/10000. Not yet tested in other

applications. IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

CD138 Polyclonal Antibody - Protein Information

Name SDC1 (HGNC:10658)

Synonyms SDC

Function

Cell surface proteoglycan that contains both heparan sulfate and chondroitin sulfate and that links the cytoskeleton to the interstitial matrix (By similarity). Regulates exosome biogenesis in concert with SDCBP and PDCD6IP (PubMed:22660413). Able to induce its own expression in dental mesenchymal cells and also in the neighboring dental epithelial cells via an MSX1-mediated pathway (By similarity).

Cellular Location

Membrane; Single-pass type I membrane protein. Secreted Secreted, extracellular exosome Note=Shedding of the ectodomain produces a soluble form

Tissue Location

Detected in placenta (at protein level) (PubMed:32337544). Detected in fibroblasts (at protein



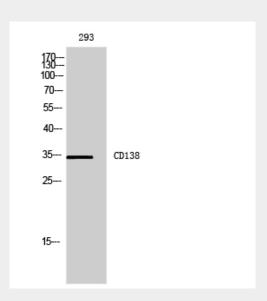
level) (PubMed:36213313).

CD138 Polyclonal Antibody - Protocols

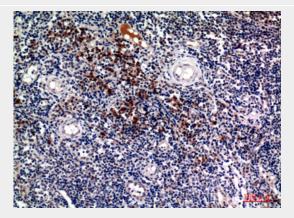
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CD138 Polyclonal Antibody - Images

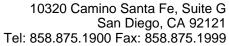


Western Blot analysis of 293 cells using CD138 Polyclonal Antibody.. Secondary antibody was diluted at 1:20000



Immunohistochemical analysis of paraffin-embedded human-tonsils, antibody was diluted at 1:100

CD138 Polyclonal Antibody - Background





Cell surface proteoglycan that bears both heparan sulfate and chondroitin sulfate and that links the cytoskeleton to the interstitial matrix. Regulates exosome biogenesis in concert with SDCBP and PDCD6IP (PubMed:22660413).