

**SDC1 / Syndecan 1 / CD138 Antibody (aa18-218)**  
**Rabbit Polyclonal Antibody**  
**Catalog # ALS12781****Specification**

---

**SDC1 / Syndecan 1 / CD138 Antibody (aa18-218) - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC                    |
| Primary Accession | <a href="#">P18827</a> |
| Reactivity        | Human                  |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 32kDa KDa              |

**SDC1 / Syndecan 1 / CD138 Antibody (aa18-218) - Additional Information****Gene ID** 6382**Other Names**

Syndecan-1, SYND1, CD138, SDC1, SDC

**Reconstitution & Storage**

Store at 2°C to 8°C degrees. Do not freeze.

**Precautions**

SDC1 / Syndecan 1 / CD138 Antibody (aa18-218) is for research use only and not for use in diagnostic or therapeutic procedures.

**SDC1 / Syndecan 1 / CD138 Antibody (aa18-218) - 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:<a href="http://www.uniprot.org/citations/22660413" target="\_blank">22660413</a>). 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).

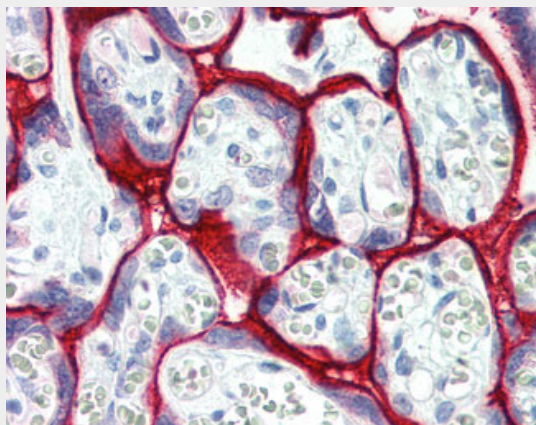
**Volume**  
250 µl

### **SDC1 / Syndecan 1 / CD138 Antibody (aa18-218) - Protocols**

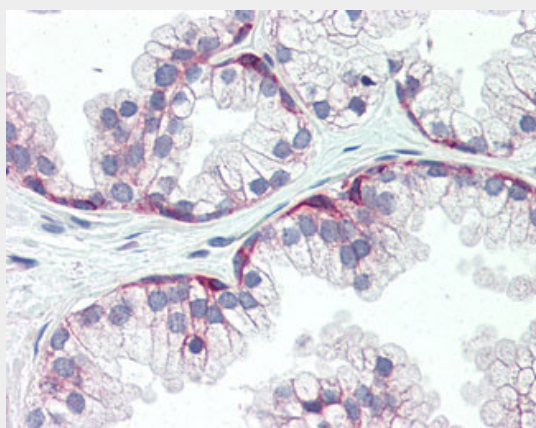
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

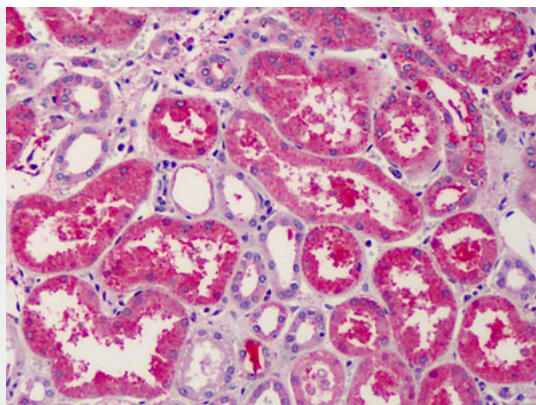
### **SDC1 / Syndecan 1 / CD138 Antibody (aa18-218) - Images**



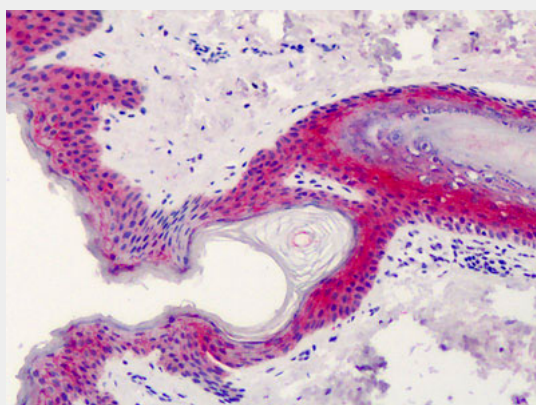
Anti-CD138 antibody IHC of human placenta.



Anti-CD138 antibody IHC of human prostate.



Anti-CD138 antibody IHC of human kidney.



Anti-CD138 antibody IHC of human skin.

#### **SDC1 / Syndecan 1 / CD138 Antibody (aa18-218) - Background**

Cell surface proteoglycan that bears both heparan sulfate and chondroitin sulfate and that links the cytoskeleton to the interstitial matrix.

#### **SDC1 / Syndecan 1 / CD138 Antibody (aa18-218) - References**

- Lories V.,et al.J. Biol. Chem. 267:1116-1122(1992).  
Mali M.,et al.J. Biol. Chem. 265:6884-6889(1990).  
Mennerich D.,et al.Eur. J. Cancer 40:1373-1382(2004).  
Hillier L.W.,et al.Nature 434:724-731(2005).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.