

CD138

Rabbit Monoclonal antibody(Mab) Catalog # AD80117

Product Information

| Application | IHC-P |
|-------------------|---------------|
| Primary Accession | <u>P18827</u> |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Monoclonal |
| Clone Names | 505B7H1 |
| Calculated MW | 32462 |
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Additional Information

| Gene ID Gene Name Other Names | 6382 SDC1 Syndecan-1, SYND1, CD138, SDC1, SDC |
|-------------------------------------|--|
| Dilution | IHC-P~~Ready-to-use |
| Storage | Maintain refrigerated at 2-8°C. |
| Precautions | CD138 Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

Protein Information

| Name | SDC1 (<u>HGNC:10658</u>) |
|----------------------|--|
| Synonyms Function | SDC 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). |
| Images | |



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.