

Rabbit anti-Human SDC1/Syndecan 1/CD138 Polyclonal Antibody | anti-SDC1 antibody

SDC1/Syndecan 1/CD138 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA162960	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
-------------------------------	-----------------------	----------------------------	---

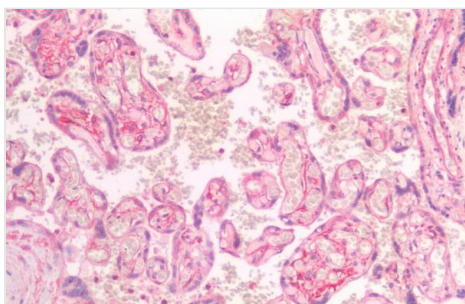
PRODUCT SYNONYMS

SDC1/Syndecan 1/CD138; Polyclonal Antibody; SDC1/Syndecan 1/CD138 Rabbit anti-Human Polyclonal Antibody; PathPlus SDC1/Syndecan 1/CD138 Antibody; SDC1; CD138 antigen; SDC; SYND1; Syndecan; Syndecan 1; Syndecan-1; CD138; Syndecan proteoglycan 1; anti-SDC1 antibody

PRODUCT SPECIFICATIONS

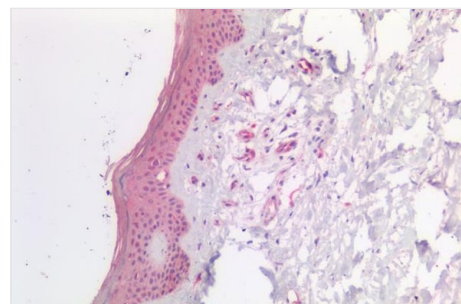
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-SDC1 antibody	IHC (Immunohistochemistry)
Target	Human SDC1/Syndecan 1/CD138
Immunogen	LP-10697, synthetic peptide
Conjugation	Unconjugated
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



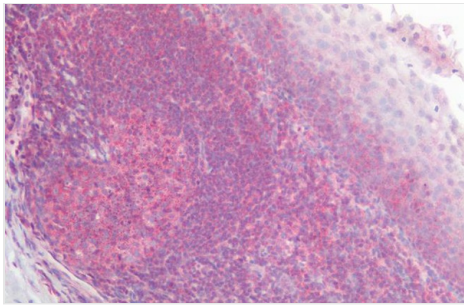
IHC (Immunohistochemistry)

SDC1/Syndecan 1/CD138 Antibody-Human Placenta: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)

SDC1/Syndecan 1/CD138 Antibody-Human Skin: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
SDC1/Syndecan 1/CD138 Antibody-Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-SDC1 antibody	CD138 antibody is an unconjugated rabbit polyclonal antibody to CD138 (SDC1/Syndecan 1) from human. Validated for IHC. Syndecan 1 (SDC1, CD138) is a cell surface heparin sulfate proteoglycan that links the cytoskeleton to the interstitial matrix. It mediates cell binding, cell signaling, cytoskeletal organization, and participates in cell proliferation and cell migration. It is also involved in internalization of the HIV-1 tat protein. Altered SDC1 expression has been detected in several cancers, including multiple myeloma. It is expressed in plasma cells, squamous epithelia of the esophagus and skin, placental trophoblasts, and a variety of epithelial cells including those of the prostate, GI tract and breast.
References	Ref: Am J Clin Path 2004, 121(2):254; Adv Exp Med Biol 1992, 313:69

NCBI AND UNIPROT INFORMATION

NCBI GI #	29568086
NCBI GeneID	6382
NCBI Accession #	NP_002988.3
NCBI GenBank Nucleotide #	NM_002997
UniProt Accession #	P18827; Q53QV0; Q546D3; Q96HB7; D6W523; AAB21434; AAB23935
Molecular Weight	32,462 Da
NCBI Official Full Name	syndecan-1
NCBI Official Synonym Full Names	syndecan 1
NCBI Official Symbol	SDC1
NCBI Official Synonym Symbols	SDC; CD138; SYND1; syndecan
NCBI Protein Information	syndecan-1; CD138 antigen; syndecan proteoglycan 1; heparan sulfate proteoglycan fibroblast growth factor receptor
UniProt Protein Name	Syndecan-1
UniProt Gene Name	SDC1
UniProt Synonym Gene Names	SDC; SYND1
UniProt Entry Name	SDC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.