

Mouse anti-Human, Rat Syndecan 1 (SDC1) Monoclonal Antibody | anti-SDC1 antibody

Monoclonal Antibody to Syndecan 1 (SDC1)

CATALOG # AAA152662	HOST Mouse	REACTIVITY Human, Rat	APPLICATIONS Immunohistochemistry, Western Blot
-------------------------------	----------------------	---------------------------------	---

PRODUCT SYNONYMS

Syndecan 1 (SDC1); Monoclonal Antibody; Monoclonal Antibody to Syndecan 1 (SDC1); Syndecan 1; CD138; SDC; SYND1; Syndecan Proteoglycan 1; anti-SDC1 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG2b Kappa
Clone Number	D5
Specificity	The antibody is a mouse monoclonal antibody raised against SDC1. It has been selected for its ability to recognize SDC1 in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Gln23~Leu253
Applicable Applications for anti-SDC1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Syndecan 1 (SDC1)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



WB (Western Blot)

Western Blot; Sample: Lane1: Rat Kidney lysate; Lane2: Rat Uterus lysate; Lane3: Hela cell lysate; Lane4: Raji cell lysate Primary Ab: 1 ug/ml Mouse Anti-human SDC1 Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody



IHC (Immunohistochemistry)

DAB staining on IHC-P; Sample: human Tonsil Tissue; Primary Ab: 10ug/ml Mouse Anti-human SDC1 Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-SDC1 antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Tumor immunity
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	55749480
NCBI GeneID	6382
NCBI Accession #	NP_001006947.1
NCBI GenBank Nucleotide #	NM_001006946.1
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/syndecan-1-sdc1-antibody-clone-d5-immunohistochemistry-western-blot-elisa/152662>