

SDC2 rabbit monoclonal antibody

Catalog # H00006383-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SDC2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SDC2 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SDC2 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SDC2

Entrez GeneID	6383
GeneBank Accession#	SDC2
Gene Name	SDC2
Gene Alias	HSPG, HSPG1, SYND2
Gene Description	syndecan 2
Omim ID	142460
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan and is a member of the syndecan proteoglycan family. The syndecans mediate cell binding, cell signaling, and cytoskeletal organization and syndecan receptors are required for internalization of the HIV-1 tat protein. The syndecan-2 protein functions as an integral membrane protein and participates in cell proliferation, cell migration and cell-matrix interactions via its receptor for extracellular matrix proteins. Altered syndecan-2 expression has been detected in several different tumor types. [provided by RefSeq]
Other Designations	cell surface-associated heparan sulfate proteoglycan 1 fibroglycan heparan sulfate proteoglycan 1, cell surface-associated heparan sulfate proteoglycan core protein syndecan proteoglycan 2

Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [ECM-receptor interaction](#)

Disease

- [Albuminuria](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)

- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Mental Disorders](#)
- [Proteinuria](#)
- [Tobacco Use Disorder](#)