

SDC4 rabbit monoclonal antibody

Catalog # H00006385-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SDC4 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SDC4 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 SDC4 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 — SDC4

Entrez GeneID	6385
GeneBank Accession#	SDC4
Gene Name	SDC4
Gene Alias	MGC22217, SYND4
Gene Description	syndecan 4
Omim ID	600017
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan that functions as a receptor in intracellular signaling. The encoded protein is found as a homodimer and is a member of the syndecan proteoglycan family. This gene is found on chromosome 20, while a pseudogene has been found on chromosome 22. [provided by RefSeq]
Other Designations	OTTHUMP00000031788 amphiglycan ryudocan amphiglycan ryudocan core protein syndecan 4 (amphiglycan, ryudocan) syndecan proteoglycan 4

Pathway

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

Disease

- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)

- [Varicose Ulcer](#)