

SMTN rabbit monoclonal antibody

Catalog # H00006525-K Size 100 ug x up to 3

Specification

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

Entrez GeneID [6525](#)

GeneBank Accession# [SMTN](#)

Gene Name SMTN

Gene Alias FLJ35365, FLJ38597

Gene Description smoothelin

Omim ID [602127](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a structural protein that is found exclusively in contractile smooth muscle cells. It associates with stress fibers and constitutes part of the cytoskeleton. This gene is localized to chromosome 22q12.3, distal to the TUPLE1 locus and outside the DiGeorge syndrome deletion. Alternative splicing of this gene results in three transcript variants. [provided by RefSeq]

Other Designations -