SMNDC1 rabbit monoclonal antibody

Catalog # H00010285-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SMNDC1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SMNDC1 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 SMNDC1 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — SMNDC1

Entrez GeneID	10285
GeneBank Accession#	SMNDC1
Gene Name	SMNDC1
Gene Alias	SMNR, SPF30
Gene Description	survival motor neuron domain containing 1
Omim ID	603519
Gene Ontology	Hyperlink
Gene Summary	This gene is a paralog of SMN1 gene, which encodes the survival motor neuron protein, mutations in which are cause of autosomal recessive proximal spinal muscular atrophy. The protein encoded by this gene is a nuclear protein that has been identified as a constituent of the spliceosome complex. This gene is differentially expressed, with abundant levels in skeletal muscle, and may share similar cellular function as the SMN1 gene. [provided by RefSeq
Other Designations	OTTHUMP00000020474|OTTHUMP00000020475|SMN-related protein|splicing factor 30, survival of motor neuron-related

Disease

- Alzheimer Disease
- Genetic Predisposition to Disease