SRF rabbit monoclonal antibody

Catalog # H00006722-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SRF peptide using ARM Technology.
Immunogen	A synthetic peptide of human SRF 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 SRF peptide by ELISA and mammalian transfected lysate by West ern 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 — SRF

Entrez GeneID	6722
GeneBank Accession#	SRF
Gene Name	SRF
Gene Alias	MCM1
Gene Description	serum response factor (c-fos serum response element-binding transcription factor)
Omim ID	600589
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a ubiquitous nuclear protein that stimulates both cell proliferation and differentiation. It is a member of the MADS (MCM1, Agamous, Deficiens, and SRF) box superfamily of transcription factors. This protein binds to the serum response element (SRE) in the promoter region of target genes. This protein regulates the activity of many immediate-early genes, for example c-fos, and thereby participates in cell cycle regulation, apoptosis, cell growth, and cell differentiation. This gene is the downstream target of many pathways; for example, the mitogen-activated protein kinase pathway (MAPK) that acts through the ternary complex factors (TCFs). [provided by RefSeq
Other Designations	OTTHUMP00000039820

Pathway

- MAPK signaling pathway

Disease

- Alzheimer disease
- Cardiovascular Diseases
- Diabetes Complications
- Diabetes Mellitus
- Edema

- Metabolic Syndrome X
- Neoplasms
- Osteoporosis
- Tobacco Use Disorder