

SPEG rabbit monoclonal antibody

Catalog # H00010290-K

Size 100 ug x up to 3

Specification

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

Entrez GeneID	10290
GeneBank Accession#	SPEG
Gene Name	SPEG
Gene Alias	APEG1, BPEG, KIAA1297, MGC12676, SPEGalpha, SPEGbeta
Gene Description	SPEG complex locus
Gene Ontology	Hyperlink
Gene Summary	Expression of this gene is thought to serve as a marker for differentiated vascular smooth muscle cells which may have a role in regulating growth and differentiation of this cell type. The encoded protein is highly similar to the corresponding rat and mouse proteins. Multiple alternatively spliced transcript variants have been found for this gene, but the full-length nature of only one variant has been defined. [provided by RefSeq]
Other Designations	OTTHUMP00000064868 aortic preferentially expressed gene 1 aortic preferentially expressed protein 1 nuclear protein, marker for differentiated aortic smooth muscle and down-regulated with vascular injury striated muscle preferentially expressed protein

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)