SPAG16 rabbit monoclonal antibody

Catalog #   H00079582-K   Size   100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SPAG16 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SPAG16 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 SPAG16 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 — SPAG16

Entrez GeneID	[79582](#)
GeneBank Accession#	[SPAG16](#)
Gene Name	SPAG16
Gene Alias	DKFZp666P1710, FLJ22724, FLJ37717, MGC87036, PF20, WDR29
Gene Description	sperm associated antigen 16
Gene Ontology	[Hyperlink](#)
Gene Summary	Cilia and flagella are comprised of a microtubular backbone, the axoneme, which is organized by the basal body and surrounded by plasma membrane. SPAG16 encodes 2 major proteins that associate with the axoneme of sperm tail and the nucleus of postmeiotic germ cells, respectively (Zhang et al., 2007 [PubMed 17699735]).[supplied by OMIM
Other Designations	WD repeat domain 29|sperm-associated WD repeat protein

Disease

- [Genetic Predisposition to Disease](#)

- [Pulmonary Disease](#)

- [Tobacco Use Disorder](#)