SPA17 rabbit monoclonal antibody

Catalog # H00053340-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SPA17 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SPA17 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 SPA17 peptide by ELISA and mammalian transfected lysate by W estern 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

Copyright © 2023 Abnova Corporation. All Rights Reserved.

- ELISA

Gene Info — SPA17

Entrez GeneID	53340
GeneBank Accession#	SPA17
Gene Name	SPA17
Gene Alias	SP17, SP17-1
Gene Description	sperm autoantigenic protein 17
Omim ID	608621
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein present at the cell surface. The N-terminus has sequence similarity t o human cAMP-dependent protein kinase A (PKA) type II alpha regulatory subunit (RIIa) while the C-terminus has an IQ calmodulin-binding motif. The central portion of the protein has carbohydrat e binding motifs and likely functions in cell-cell adhesion. The protein was initially characterized by its involvement in the binding of sperm to the zona pellucida of the oocyte. Recent studies indicate that it is also involved in additional cell-cell adhesion functions such as immune cell migration and metastasis. A retrotransposed pseudogene is present on chromosome 10q22
Other Designations	sperm protein 17

Copyright © 2023 Abnova Corporation. All Rights Reserved.