

SPAG8 rabbit monoclonal antibody

Catalog # H00026206-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SPAG8 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SPAG8 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 SPAG8 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 — SPAG8

Entrez GeneID	26206
GeneBank Accession#	SPAG8
Gene Name	SPAG8
Gene Alias	BS-84, HSD-1, MGC26201, SMP1, SPAG3, hSMP-1
Gene Description	sperm associated antigen 8
Omim ID	605731
Gene Ontology	Hyperlink
Gene Summary	<p>The correlation of anti-sperm antibodies with cases of unexplained infertility implicates a role for these antibodies in blocking fertilization. Improved diagnosis and treatment of immunologic infertility, as well as identification of proteins for targeted contraception, are dependent on the identification and characterization of relevant sperm antigens. The protein encoded by this gene is recognized by sperm agglutinating antibodies from an infertile woman. This protein is localized in germ cells of the testis at all stages of spermatogenesis and is localized to the acrosomal region of mature spermatozoa. Alternatively spliced variants that encode different protein isoforms have been described but the full-length sequences of only two have been determined. [provided by RefSeq]</p>
Other Designations	OTTHUMP00000021352 sperm membrane protein 1