

SPO11 rabbit monoclonal antibody

Catalog # H00023626-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SPO11 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SPO11 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 SPO11 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 — SPO11

Entrez GeneID	23626
GeneBank Accession#	SPO11
Gene Name	SPO11
Gene Alias	MGC39953
Gene Description	SPO11 meiotic protein covalently bound to DSB homolog (S. cerevisiae)
Omim ID	605114
Gene Ontology	Hyperlink
Gene Summary	Meiotic recombination and chromosome segregation require the formation of double-strand breaks (DSBs) in paired chromosome homologs. During meiosis in yeast, a meiotic recombination protein is covalently-linked to the 5' end of DSBs and is essential for the formation of DSBs. The protein encoded by this gene is similar in sequence and conserved features to the yeast meiotic recombination protein. The encoded protein belongs to the TOP6A protein family. Several transcript variants encoding different isoforms have been found for this gene, but the full-length nature of only two of them have been described. [provided by RefSeq]
Other Designations	OTTHUMP00000031360 OTTHUMP00000031361 SPO11 meiotic protein covalently bound to DSB-like SPO11, meiotic protein covalently bound to DSB-like meiotic recombination protein SPO11

Disease

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