

PMS1 rabbit monoclonal antibody

Catalog # H00005378-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PMS1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PMS1 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 PMS1 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 — PMS1

Entrez GeneID	5378
GeneBank Accession#	PMS1
Gene Name	PMS1
Gene Alias	DKFZp781M0253, FLJ98259, HNPCC3, PMSL1, hPMS1
Gene Description	PMS1 postmeiotic segregation increased 1 (S. cerevisiae)
Omim ID	600258
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein belonging to the DNA mismatch repair mutL/hexB family. This protein is thought to be involved in the repair of DNA mismatches, and it can form heterodimers with MLH1, a known DNA mismatch repair protein. Mutations in this gene cause hereditary nonpolyposis colorectal cancer type 3 (HNPCC3) either alone or in combination with mutations in other genes involved in the HNPCC phenotype, which is also known as Lynch syndrome. [provided by RefSeq]
Other Designations	human homolog of yeast mutL mismatch repair gene PMSL1 postmeiotic segregation 1 rhabdomyosarcoma antigen MU-RMS-40.10B rhabdomyosarcoma antigen MU-RMS-40.10E

Disease

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