

MCM5 rabbit monoclonal antibody

Catalog # H00004174-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MCM5 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MCM5 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 MCM5 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 — MCM5

Entrez GeneID	4174
GeneBank Accession#	MCM5
Gene Name	MCM5
Gene Alias	CDC46, MGC5315, P1-CDC46
Gene Description	minichromosome maintenance complex component 5
Omim ID	602696
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is structurally very similar to the CDC46 protein from <i>S. cerevisiae</i> , a protein involved in the initiation of DNA replication. The encoded protein is a member of the MCM family of chromatin-binding proteins and can interact with at least two other members of this family. The encoded protein is upregulated in the transition from the G0 to G1/S phase of the cell cycle and may actively participate in cell cycle regulation. [provided by RefSeq]
Other Designations	DNA replication licensing factor MCM5 minichromosome maintenance deficient 5, cell division cycle 46 minichromosome maintenance deficient 5 (cell division cycle 46)

Pathway

- [Cell cycle](#)
- [DNA replication](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)