

# MCM6 rabbit monoclonal antibody

Catalog # H00004175-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human MCM6 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human MCM6 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human MCM6 peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — MCM6

Entrez GeneID	<a href="#">4175</a>
GeneBank Accession#	<a href="#">MCM6</a>
Gene Name	MCM6
Gene Alias	MCG40308, Mis5, P105MCM
Gene Description	minichromosome maintenance complex component 6
Omim ID	<a href="#">223100 601806</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by the MCM proteins is a key component of the pre-replication complex (pre_RC) and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. The MCM complex consisting of this protein and MCM2, 4 and 7 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. The phosphorylation of the complex by CDC2 kinase reduces the helicase activity, suggesting a role in the regulation of DNA replication. [provided by RefSeq]
Other Designations	DNA replication licensing factor MCM6 MCM6 minichromosome maintenance deficient 6 (MIS5 homolog, S. pombe) MIS5 homolog minichromosome maintenance deficient (mis5, S. pombe) 6 minichromosome maintenance deficient 6 homolog

## Pathway

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

## Disease

- [Carcinoma](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Neoplasms](#)

- [Lactose Intolerance](#)
- [Ovarian Neoplasms](#)