

EME1 rabbit monoclonal antibody

Catalog # H00146956-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human EME1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human EME1 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 EME1 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 — EME1

Entrez GeneID	146956
GeneBank Accession#	EME1
Gene Name	EME1
Gene Alias	FLJ31364, MMS4L
Gene Description	essential meiotic endonuclease 1 homolog 1 (S. pombe)
Omim ID	610885
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that complexes with methyl methanesulfonate-sensitive UV-sensitive 81 protein to form an endonuclease complex. The encoded protein interacts with specific DNA structures including nicked Holliday junctions, 3'-flap structures and aberrant replication fork structures. This protein may be involved in repairing DNA damage and in maintaining genomic stability
Other Designations	essential meiotic endonuclease 1 homolog 1 essential meiotic endonuclease 1 homolog 2 homolog of yeast EME1 endonuclease

Pathway

- [Homologous recombination](#)

Disease

- [Brain Neoplasms](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Kidney Failure](#)

- [Multiple Sclerosis](#)
- [Obesity](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)