

# MND1 rabbit monoclonal antibody

Catalog # H00084057-K

Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human MND1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human MND1 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MND1 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) <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 — MND1

Entrez GeneID	<a href="#">84057</a>
GeneBank Accession#	<a href="#">MND1</a>
Gene Name	MND1
Gene Alias	GAJ
Gene Description	meiotic nuclear divisions 1 homolog (S. cerevisiae)
Omim ID	<a href="#">611422</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The product of the MND1 gene associates with HOP2 (MIM 608665) to form a stable heterodimeric complex that binds DNA and stimulates the recombinase activity of RAD51 (MIM 179617) and DMC1 (MIM 602721) (Chi et al., 2007 [PubMed 17639080]). Both the MND1 and HOP2 genes are indispensable for meiotic recombination.[supplied by OMIM]
Other Designations	GAJ protein homolog of yeast MND1

## Disease

- [Disease Progression](#)
- [Disease Susceptibility](#)
- [HIV Infections](#)
- [Tobacco Use Disorder](#)