

# NDC80 rabbit monoclonal antibody

Catalog # H00010403-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human NDC80 peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human NDC80 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 NDC80 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 — NDC80

Entrez GeneID	<a href="#">10403</a>
GeneBank Accession#	<a href="#">NDC80</a>
Gene Name	NDC80
Gene Alias	HEC, HEC1, KNTC2, TID3, hsNDC80
Gene Description	NDC80 homolog, kinetochore complex component (S. cerevisiae)
Omim ID	<a href="#">607272</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	HEC is one of several proteins involved in spindle checkpoint signaling. This surveillance mechanism assures correct segregation of chromosomes during cell division by detecting unaligned chromosomes and causing prometaphase arrest until the proper bipolar attachment of chromosomes is achieved.[supplied by OMIM]
Other Designations	highly expressed in cancer, rich in leucine heptad repeats kinetochore associated 2

## Disease

- [Kidney Failure](#)