CDC27 rabbit monoclonal antibody

Catalog # H00000996-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CDC27 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CDC27 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 CDC27 peptide by ELISA and mammalian transfected lysate by W estern 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 in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — CDC27

Entrez GeneID	996
GeneBank Accession#	CDC27
Gene Name	CDC27
Gene Alias	APC3, CDC27Hs, D0S1430E, D17S978E, HNUC
Gene Description	cell division cycle 27 homolog (S. cerevisiae)
Omim ID	116946
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene shares strong similarity with Saccharomyces cerevisiae protein Cdc27, and the gene product of Schizosaccharomyces pombe nuc 2. This protein is a componen t of anaphase-promoting complex (APC), which is composed of eight protein subunits and highly conserved in eucaryotic cells. APC catalyzes the formation of cyclin B-ubiquitin conjugate that is r esponsible for the ubiquitin-mediated proteolysis of B-type cyclins. This protein and 3 other memb ers of the APC complex contain the TPR (tetratricopeptide repeat), a protein domain important fo r protein-protein interaction. This protein was shown to interact with mitotic checkpoint proteins in cluding Mad2, p55CDC and BUBR1, and thus may be involved in controlling the timing of mitosis. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	anaphase-promoting complex, protein 3|cell division cycle protein 27|nuc2 homolog

Pathway

- Cell cycle
- Ubiquitin mediated proteolysis