## CCNE2 rabbit monoclonal antibody

Catalog # H00009134-K

Size 100 ug x up to 3

Specification	
Product Description	Rabbit monoclonal antibody raised against a human CCNE2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CCNE2 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
lsotype	lgG
Quality Control Testing	Antibody reactive against human CCNE2 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	<ol> <li>Customer may provide cell or tissue lysate for antibody screening.</li> <li>Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding F(ab)<sub>2</sub>, lgG, scFv and different Fc and non-Fc conjugates per customer request.</li> </ol>

## Applications

• Western Blot (Transfected lysate)

Protocol Download

• ELISA

Gene Info — CCNE2	
Entrez GenelD	<u>9134</u>
GeneBank Accession#	CCNE2
Gene Name	CCNE2
Gene Alias	CYCE2
Gene Description	cyclin E2
Omim ID	<u>603775</u>
Gene Ontology	<u>Hyperlink</u>
Gene Summary	The protein encoded by this gene belongs to the highly conserved cyclin family, whose members are characterized by a dramatic periodicity in protein abundance through the cell cycle. Cyclins fu nction as regulators of CDK kinases. Different cyclins exhibit distinct expression and degradation patterns which contribute to the temporal coordination of each mitotic event. This cyclin forms a complex with and functions as a regulatory subunit of CDK2. This cyclin has been shown to specifica lly interact with CIP/KIP family of CDK inhibitors, and plays a role in cell cycle G1/S transition. The expression of this gene peaks at the G1-S phase and exhibits a pattern of tissue specificity distin ct from that of cyclin E1. A significantly increased expression level of this gene was observed in tu mor-derived cells. [provided by RefSeq
Other Designations	G1/S-specific cyclin E2

## Pathway

- <u>Cell cycle</u>
- p53 signaling pathway
- Pathways in cancer
- Prostate cancer
- Small cell lung cancer

## Disease

😵 Abnova

**Product Information** 

- Genetic Predisposition to Disease
- Ovarian Neoplasms