

CDC25C rabbit monoclonal antibody

Catalog # H00000995-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CDC25C peptide using ARM Technology.
Immunogen	A synthetic peptide of human CDC25C 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 CDC25C 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 — CDC25C

Entrez GeneID	995
GeneBank Accession#	CDC25C
Gene Name	CDC25C
Gene Alias	CDC25
Gene Description	cell division cycle 25 homolog C (S. pombe)
Omim ID	157680
Gene Ontology	Hyperlink
Gene Summary	This gene is highly conserved during evolution and it plays a key role in the regulation of cell division. The encoded protein is a tyrosine phosphatase and belongs to the Cdc25 phosphatase family. It directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It is also thought to suppress p53-induced growth arrest. Multiple alternatively spliced transcript variants of this gene have been described, however, the full-length nature of many of them is not known. [provided by RefSeq]
Other Designations	cell division cycle 25C cell division cycle 25C protein dual specificity phosphatase CDC25C m-phase inducer phosphatase 3 mitosis inducer CDC25 phosphotyrosine phosphatase

Pathway

- [Cell cycle](#)

Disease

- [Adenocarcinoma](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)

- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)