

CDC14A rabbit monoclonal antibody

Catalog # H00008556-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CDC14A peptide using ARM Technology.
Immunogen	A synthetic peptide of human CDC14A 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 CDC14A 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 — CDC14A

Entrez GeneID	8556
GeneBank Accession#	CDC14A
Gene Name	CDC14A
Gene Alias	cdc14, hCDC14
Gene Description	CDC14 cell division cycle 14 homolog A (S. cerevisiae)
Omim ID	603504
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the dual specificity protein tyrosine phosphatase family. It is highly similar to Saccharomyces cerevisiae Cdc14, a protein tyrosine phosphatase involved in the exit of cell mitosis and initiation of DNA replication, suggesting a role in cell cycle control. This protein has been shown to interact with, and dephosphorylate tumor suppressor protein p53, and is thought to regulate the function of p53. Alternative splicing of this gene results in several transcript variants encoding distinct isoforms. [provided by RefSeq]
Other Designations	CDC10 (cell division cycle 10, S. cerevisiae, homolog) CDC14 homolog A OTTHUMP00000012653 OTTHUMP00000012654 OTTHUMP00000012655 dual specificity protein phosphatase CDC14A

Pathway

- [Cell cycle](#)

Disease

- [Colorectal Neoplasms](#)
- [Microsatellite Instability](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)