

# CDC42BPB rabbit monoclonal antibody

Catalog # H00009578-K      Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human CDC42BPB peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human CDC42BPB 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 CDC42BPB 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 — CDC42BPB

Entrez GeneID	<a href="#">9578</a>
GeneBank Accession#	<a href="#">CDC42BPB</a>
Gene Name	CDC42BPB
Gene Alias	KIAA1124, MRCKB
Gene Description	CDC42 binding protein kinase beta (DMPK-like)
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	This gene encodes a member of the serine/threonine protein kinase family. The encoded protein contains a Cdc42/Rac-binding p21 binding domain resembling that of PAK kinase. The kinase domain of this protein is most closely related to that of myotonic dystrophy kinase-related ROK. Studies of the similar gene in rat suggested that this kinase may act as a downstream effector of Cdc42 in cytoskeletal reorganization. [provided by RefSeq]
Other Designations	CDC42-binding protein kinase beta CDC42-binding protein kinase beta (DMPK-like) myotonic dystrophy protein kinase-like beta

## Disease

- [Tobacco Use Disorder](#)