CDC42EP2 rabbit monoclonal antibody

Catalog # H00010435-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CDC42EP2 peptide using ARM Technology.
Immunogen	A synthetic peptide of human CDC42EP2 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 CDC42EP2 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 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 — CDC42EP2

Entrez GeneID	10435
GeneBank Accession#	CDC42EP2
Gene Name	CDC42EP2
Gene Alias	BORG1, CEP2
Gene Description	CDC42 effector protein (Rho GTPase binding) 2
Omim ID	606132
Gene Ontology	Hyperlink
Gene Summary	CDC42, a small Rho GTPase, regulates the formation of F-actin-containing structures through its interaction with the downstream effector proteins. The protein encoded by this gene is a member of the Borg family of CDC42 effector proteins. Borg family proteins contain a CRIB (Cdc42/Rac interactive-binding) domain. They bind to, and negatively regulate the function of, CDC42. Coexpression of this protein with dominant negative mutant CDC42 protein in fibroblast was found to induce pseudopodia formation, which suggested a role of this protein in actin filament assembly and cell shape control. [provided by RefSeq
Other Designations	CRIB-containing BOGR1 protein|Cdc42 effector protein 2