

# PDPK1 rabbit monoclonal antibody

Catalog # H00005170-K      Size 100 ug x up to 3

## Specification

Product Description	Rabbit monoclonal antibody raised against a human PDPK1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PDPK1 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 ( <a href="#">ARM Technology</a> ).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human PDPK1 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) <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 — PDPK1

Entrez GeneID	<a href="#">5170</a>
GeneBank Accession#	<a href="#">PDPK1</a>
Gene Name	PDPK1
Gene Alias	MGC20087, MGC35290, PDK1, PRO0461
Gene Description	3-phosphoinositide dependent protein kinase-1
Omim ID	<a href="#">605213</a>
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	PkB kinase like gene 1 PkB-like 1 protein kinase

## Pathway

- [Endometrial cancer](#)
- [Focal adhesion](#)
- [Insulin signaling pathway](#)
- [mTOR signaling pathway](#)
- [Non-small cell lung cancer](#)
- [PPAR signaling pathway](#)
- [Prostate cancer](#)

## Disease

- [Adenocarcinoma](#)
- [Thyroid Neoplasms](#)