PDC rabbit monoclonal antibody

Catalog # H00005132-K Size 100 ug x up to 3

Specification

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

Entrez GeneID	5132
GeneBank Accession#	PDC
Gene Name	PDC
Gene Alias	MEKA, PHD, PhLOP, PhLP
Gene Description	phosducin
Omim ID	171490
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a phosphoprotein, which is located in the outer and inner segments of the rod cells in the retina. This protein may participate in the regulation of visual phototransduction or in th e integration of photoreceptor metabolism. It modulates the phototransduction cascade by interac ting with the beta and gamma subunits of the retinal G-protein transducin. This gene is a potential candidate gene for retinitis pigmentosa and Usher syndrome type II. Alternatively spliced transcrip t variants encoding different isoforms have been identified. [provided by RefSeq
Other Designations	33kDA phototransducing protein|G beta gamma binding protein|phosducin-like orphan protein

Pathway

- Olfactory transduction

Disease

- Retinitis Pigmentosa