

PMVK rabbit monoclonal antibody

Catalog # H00010654-K

Size 100 ug x up to 3

Specification

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

Entrez GeneID	10654
GeneBank Accession#	PMVK
Gene Name	PMVK
Gene Alias	HUMPMKI, PMK, PMKA, PMKASE
Gene Description	phosphomevalonate kinase
Omim ID	607622
Gene Ontology	Hyperlink
Gene Summary	PMVK (EC 2.7.4.2) is a peroxisomal enzyme that catalyzes the conversion of mevalonate 5-phosphate into mevalonate 5-diphosphate as the fifth reaction of the cholesterol biosynthetic pathway.[supplied by OMIM]
Other Designations	OTTHUMP00000035546

Pathway

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Metabolic pathways](#)
- [Terpenoid backbone biosynthesis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)