

MVK rabbit monoclonal antibody

Catalog # H00004598-K Size 100 ug x up to 3

Specification

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

Entrez GeneID [4598](#)

GeneBank Accession# [MVK](#)

Gene Name MVK

Gene Alias FLJ96772, LRBP, MK, MVLK

Gene Description mevalonate kinase

Omim ID [251170](#) [260920](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes the peroxisomal enzyme mevalonate kinase. Mevalonate is a key intermediate, and mevalonate kinase a key early enzyme, in isoprenoid and sterol synthesis. Mevalonate kinase deficiency caused by mutation of this gene results in mevalonic aciduria, a disease characterized by psychomotor retardation, failure to thrive, hepatosplenomegaly, anemia and recurrent febrile crises. Defects in this gene also cause hyperimmunoglobulinaemia D and periodic fever syndrome, a disorder characterized by recurrent episodes of fever associated with lymphadenopathy, arthralgia, gastrointestinal distress and skin rash. Two transcript variants that encode the same protein have been found for this gene. [provided by RefSeq]

Other Designations LH receptor mRNA-binding protein|mevalonic aciduria

Pathway

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

Disease

- [Amyloidosis](#)

- [Autoimmune Diseases](#)
- [Behcet Syndrome](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Diarrhea](#)
- [Dyslipidemias](#)
- [Familial Mediterranean fever](#)
- [Genetic Predisposition to Disease](#)
- [Hyperlipidemias](#)
- [Hypertriglyceridemia](#)
- [Inflammation](#)
- [Irritable Bowel Syndrome](#)
- [Narcolepsy](#)
- [Pain](#)
- [Stomatitis](#)
- [Syndrome](#)