

## Datasheet

### MVK polyclonal antibody (A01)

**Catalog Number:** H00004598-A01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse polyclonal antibody raised against a partial recombinant MVK.

**Immunogen:** MVK (AAH16140, 297 a.a. ~ 396 a.a) partial recombinant protein with GST tag.

**Sequence:**

LIDMNQHHLNALGVGHASLDQLCQVTRARGLHSLTG  
AGGGGCGITLLKPGLEQPEVEATKQALTSCGFDCLET  
SIGAPGVSIHSATSLDSRVQQALDGL

**Host:** Mouse

**Reactivity:** Human, Mouse

**Applications:** ELISA, WB-Ce, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Storage Buffer:** 50 % glycerol

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4598

**Gene Symbol:** MVK

**Gene Alias:** FLJ96772, LRBP, MK, MVLK

**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 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 dismay and skin rash. Two transcript variants that encode the same protein have been found for this gene. [provided by RefSeq]