

32-5993: Mouse Anti Human Mevalonate Kinase(Clone: PAT14F6Ae)

Clonality :	Monoclonal
Clone Name :	PAT14F6Ae
Application :	ELISA,WB
Gene :	MVK
Gene ID :	4598
Uniprot ID :	Q03426
Format :	Purified
Alternative Name :	Mevalonate Kinase (Mevalonic Aciduria),LH Receptor mRNA-Binding Protein,LRBP,Mevalonate Kinase 1,MK,MVLK,EC 2.7.1.36.
Isotype :	Mouse IgG3 heavy chain and Kappa light chain.
Immunogen Information :	Anti-human MVK mAb, clone PAT14F6A, is derived from hybridization of mouse F0 myeloma cells with spleen cells from BALB/c mice immunized with a recombinant human MVK protein 1-396 amino acids purified from E. coli.

Description

MVK is a member of the GHMP kinase family. Mevalonate is a vital mediator, and MVK an important early enzyme, in isoprenoid and sterol synthesis. MVK deficiency can result in gene mutation associated with Mevalonic aciduria, an illness which causes psychomotor retardation, failure to thrive hepatosplenomegaly, anemia and frequent febrile crises. Mutations in this gene also cause hyperimmunoglobulinaemia D and sporadic fever syndrome, in which the person suffers from recurrent episodes of fever related with lymphadenopathy, skin rash, gastrointestinal dismy and arthralgia.

Product Info

Amount :	20 µg
Purification :	MVK antibody was purified by protein-A affinity chromatography.
Content :	1mg/ml containing PBS, pH-7.4, 10% Glycerol and 0.02% Sodium Azide.
Storage condition :	For periods up to 1 month store at 4°C, for longer periods of time, store at -20°C. Prevent freeze thaw cycles.

Application Note

The antibody has been tested by ELISA, Western blot analysis to assure specificity and reactivity. Since application varies, however, each investigation should be titrated by the reagent to obtain optimal results. Recommended dilution range for Western blot analysis is 1:500 ~ 1:5000. Recommended starting dilution is 1:1000.