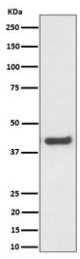
MVK Antibody / Mevalonate kinase [clone 28M97] (RQ8833)

Catalog No.	Formulation	Size
RQ8833	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Recombinant RABBIT MONOCLONAL

Bulk quote request

Availability	1-3 days
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	28M97
Purity	Affinity chromatography
UniProt	Q03426
Applications	Western Blot : 1:500-1:2000 Flow Cytometry : 1:50
Limitations	This MVK antibody is available for research use only.



Western blot testing of human HepG2 cell lysate with MVK antibody. Predicted molecular weight ~42 kDa.

Description

MVK is an enzyme that catalyzes the conversion of mevalonate, a key compound in the biosynthesis of cholesterol, into mevalonate-5-phosphate. This reaction is a crucial step in the mevalonate pathway, which ultimately leads to the production of important molecules such as cholesterol, steroid hormones, and certain vitamins. Deficiencies in MVK have been linked to a rare genetic disorder known as Mevalonate kinase deficiency (MKD). This condition is characterized by recurrent fevers, inflammation, and other health problems. Recent research has also shed light on the potential role of

MVK in cancer development. Studies have shown that MVK may play a role in regulating cell growth and proliferation, making it a potential target for anti-cancer therapies.

Application Notes

Optimal dilution of the MVK antibody should be determined by the researcher.

Immunogen

A synthetic peptide specific to human Mevalonate kinase was used as the immunogen for the MVK Antibody.

Storage

Store the MVK antibody at -20oC.