

For Research Use Only

MVK Monoclonal antibody, PBS Only

Catalog Number: 67820-1-PBS



Basic Information

Catalog Number: 67820-1-PBS	GenBank Accession Number: BC016140	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 4598	CloneNo.: 2F1D3
Source: Mouse	UNIPROT ID: Q03426	
Isotype: IgG2b	Full Name: mevalonate kinase	
Immunogen Catalog Number: AG28887	Calculated MW: 396 aa, 42 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
Human

Background Information

MVK (Mevalonate kinase) is a 42 kDa cytoplasmic protein that belongs to the GHMP kinase family. Mevalonate kinase catalyzes the ATP-dependent phosphorylation of mevalonic acid to form mevalonate 5-phosphate. Defects in mevalonate kinase can cause mevalonic aciduria (MEVA). It is an accumulation of mevalonic acid which causes a variety of symptoms such as psychomotor retardation, dysmorphic features, cataracts, hepatosplenomegaly, lymphadenopathy, anemia, hypotonia, myopathy and ataxia.

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

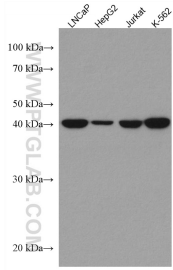
T: 4006900926

E: Proteintech-CN@ptglab.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67820-1-Ig (MVK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67820-1-PBS in a different storage buffer formulation.