

For Research Use Only

MVK Monoclonal antibody

Catalog Number: 67820-1-Ig



Basic Information

Catalog Number: 67820-1-Ig	GenBank Accession Number: BC016140	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 4598	CloneNo.: 2F1D3
Source: Mouse	UNIPROT ID: Q03426	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2b	Full Name: mevalonate kinase	
Immunogen Catalog Number: AG28887	Calculated MW: 396 aa, 42 kDa	
	Observed MW: 42 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : LNCaP cells, U2OS cells, HepG2 cells, Jurkat cells, K-562 cells
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 -20°C.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

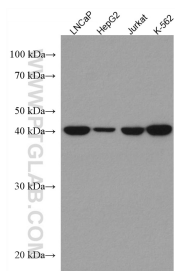
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Selected Validation Data



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.