

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:	150ul , Concentration: 1000 ug/ml by Nanodrop;	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

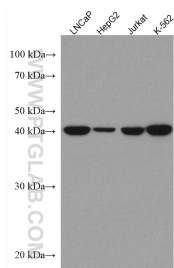
Storage:
Store at -20°C.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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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.