

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: 100ug , Concentration: 1 mg/ml by Nanodrop; | 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.

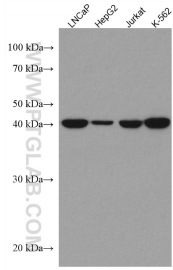
Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

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) E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.