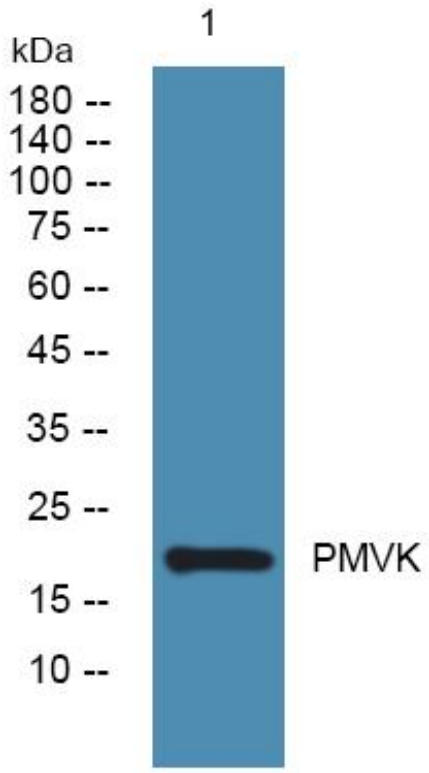
PMVK Monoclonal Antibody

Catalog No	YP-mAb-07719
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	PMVK PMKI
Protein Name	Phosphomevalonate kinase (PMKase) (hPMK) (EC 2.7.4.2)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	PMVK Monoclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	21kD
Cell Pathway	Cytoplasm, cytosol .
Tissue Specificity	Heart, liver, skeletal muscle, kidney, and pancreas. Lower level in brain, placenta and lung.
Function	catalytic activity:ATP + (R)-5-phosphomevalonate = ADP + (R)-5-diphosphomevalonate.,induction:By sterol.,pathway:Isoprenoid biosynthesis; isopentenyl-PP biosynthesis via mevalonic acid pathway; isopentenyl-PP from (R)-mevalonic acid: step 2/3.,subunit:Monomer.,tissue specificity:Heart, liver, skeletal muscle, kidney, and pancreas. Lower level in brain, placenta, and lung.,
Background	This gene encodes a peroxisomal enzyme that catalyzes the conversion of mevalonate 5-phosphate into mevalonate 5-diphosphate, the fifth reaction of the cholesterol biosynthetic pathway. Studies in rat show that the message level and the enzyme activity of this protein is regulated by sterol, and that this regulation is coordinated with 3-hydroxy-3-methylglutaryl coenzyme A reductase, the rate-limiting enzyme of cholesterol biosynthesis. [provided by RefSeq, Sep 2011],
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images



Western Blot analysis of various cells using PMVK Monoclonal Antibody