

## Anti-PMVK Antibody (2Z739)

## Product Details

Ig Type:	Rabbit IgG
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	2Z739
Purification:	Protein A

## Applications

Verified Activity:	1. Immunochemical staining of human PMVK in human skeletal muscle with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
	2. Immunochemical staining of human PMVK in human pancreas with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
	3. Immunochemical staining of human PMVK in human liver with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).
Application:	ELISA,IHC-P
Recommended	ELISA: 1:5000-1:10000; IHC-P: 1:100-1:500

## Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

## Antigen Details

Immunogen:	Recombinant Protein: Human PMVK / phosphomevalonate kinase Protein (TMPY-04767)
Antigen Species:	Human
Synonyms:	HUMPMKI;phosphomevalonate kinase;PMKASE;PMK;PMKA

## Research Background

PMVK is 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 PMVK 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.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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