Rabbit anti-Human PMVK Monoclonal Antibody | anti-PMVK antibody

Recombinant Anti-PMVK Antibody, Rabbit Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA255775	**Rabbit**	**Human**	**Immunohistochemistry, ELISA**

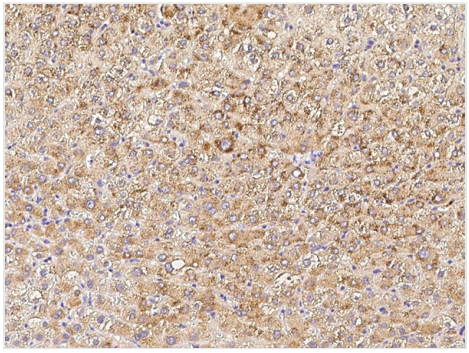
PRODUCT SYNONYMS

PMVK; Monoclonal Antibody; Recombinant Anti-PMVK Antibody; Rabbit Monoclonal; PMVK/phosphomevalonate kinase Antibody; Rabbit MAb; phosphomevalonate kinase; Anti-HUMPMKI Antibody; Anti-PMK Antibody; Anti-PMKA Antibody; Anti-PMKASE Antibody; anti-PMVK antibody

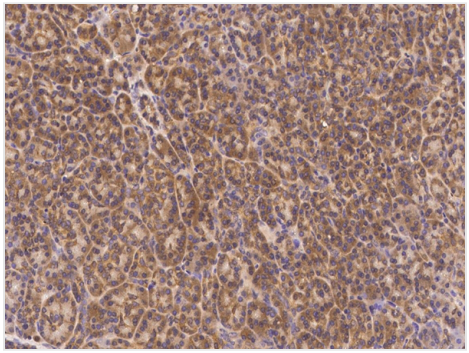
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	003
Specificity	Human PMVK/phosphomevalonate kinase
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-PMVK antibody	IHC (Immunohistochemistry), ELISA
Antibody Type	Recombinant Antibody
Immunogen	Recombinant Human PMVK/phosphomevalonate kinase Protein
Conjugation	Unconjugated
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Human PMVK/phosphomevalonate kinase (rh PMVK/phosphomevalonate kinase).
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

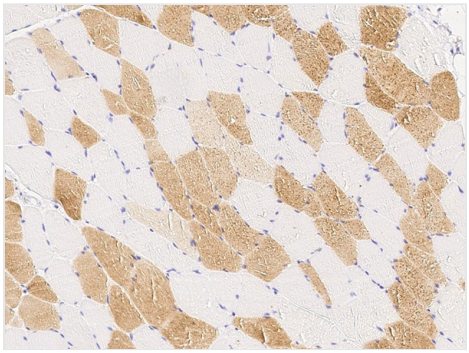
IMAGES



IHC (Immunohistochemisry)
Immunochemical staining of human PMVK in human liver with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).



IHC (Immunohiostchemistry)
Immunochemical staining of human PMVK in human pancreas with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).



IHC (Immunohistochemistry)
Immunochemical staining of human PMVK in human skeletal muscle with rabbit monoclonal antibody (1:200, formalin-fixed paraffin embedded sections).

ADDITIONAL INFORMATION

Related Product Information for anti-PMVK antibody	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.
References	Chambliss K.L., et al., (1996), Molecular cloning of human phosphomevalonate kinase and identification of a consensus peroxisomal targeting sequence. J. Biol. Chem. 271:17330-17334.Olivier L.M., et al., (1999), Characterization of phosphomevalonate kinase: chromosomal localization, regulation, and subcellular targeting.J. Lipid Res. 40:672-679.Herdendorf T.J., et al., (2006), Phosphomevalonate kinase: functional investigation of the recombinant human enzyme. Biochemistry 45:3235-3242.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5729980
NCBI GeneID	10654
NCBI Accession #	NP_006547.1
NCBI GenBank Nucleotide #	NM_006556.3
UniProt Accession #	Q15126; Q5TZW9
Molecular Weight	21,995 Da
NCBI Official Full Name	phosphomevalonate kinase
NCBI Official Synonym Full Names	phosphomevalonate kinase

NCBI Official Symbol	PMVK
NCBI Official Synonym Symbols	PMK; PMKA; PMKASE; POROK1; HUMPMKI
NCBI Protein Information	phosphomevalonate kinase
UniProt Protein Name	Phosphomevalonate kinase
UniProt Gene Name	**PMVK**
UniProt Synonym Gene Names	PMKI; PMKase; hPMK
UniProt Entry Name	PMVK_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://www.aaabiotech.com/monoclonal/pmvk-antibody-clone-003-immunohistochemistry-elisa/255775