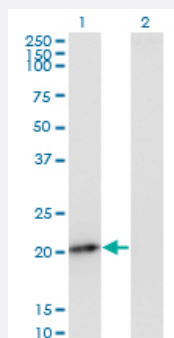


PMVK monoclonal antibody (M07A), clone 2B8

Catalog # H00010654-M07A

Size 200 uL

Applications

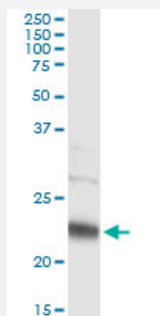


Western Blot (Transfected lysate)

Western Blot analysis of PMVK expression in transfected 293T cell line by PMVK monoclonal antibody (M07A), clone 2B8.

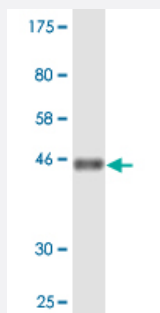
Lane 1: PMVK transfected lysate(22 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of PMVK transfected lysate using anti-PMVK monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PMVK MaxPab rabbit polyclonal antibody.



Western Blot detection against Immunogen (46.86 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant PMVK.

Immunogen	PMVK (AAH07694, 1 a.a. ~ 192 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAPLGGAPRLVLLFSGKRKSGKDFVTEALQSRLGADVCAVLRLSGPLKEQYAEHGLNFQRLLD TSTYKEAFRKMIRWGEEKRQADPGFFCRKMEGISQPIWLVSDDRVSIDIQWFREAYGAVTQTV RVVALEQSRQQRGWVFTPGVDDAESECGLDNFGDFDWVIENHGVEQRLEEQLLENLIEFIRSRL
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (85)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (46.86 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of PMVK expression in transfected 293T cell line by PMVK monoclonal antibody (M07A), clone 2B8.

Lane 1: PMVK transfected lysate(22 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunoprecipitation

Immunoprecipitation of PMVK transfected lysate using anti-PMVK monoclonal antibody and Protein A Magnetic Bead, and immunoblotted with PMVK MaxPab rabbit polyclonal antibody.

[Protocol Download](#)

- ELISA

Gene Info — PMVK

Entrez GeneID [10654](#)**GeneBank Accession#** [BC007694](#)**Protein Accession#** [AAH07694](#)**Gene Name** PMVK**Gene Alias** HUMPMKI, PMK, PMKA, PMKASE**Gene Description** phosphomevalonate kinase**Omim ID** [607622](#)**Gene Ontology** [Hyperlink](#)

Gene Summary PMVK (EC 2.7.4.2) is a peroxisomal enzyme that catalyzes the conversion of mevalonate 5-phosphate into mevalonate 5-diphosphate as the fifth reaction of the cholesterol biosynthetic pathway.[supplied by OMIM]

Other Designations OTTHUMP00000035546

Pathway

- [Biosynthesis of alkaloids derived from terpenoid and polyketide](#)
- [Biosynthesis of plant hormones](#)
- [Biosynthesis of terpenoids and steroids](#)
- [Metabolic pathways](#)
- [Terpenoid backbone biosynthesis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)