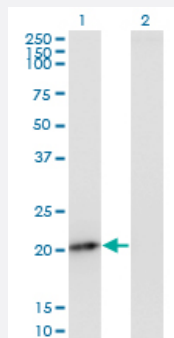


PMVK monoclonal antibody (M07), clone 2B8

Catalog # H00010654-M07

Size 100 ug

Applications

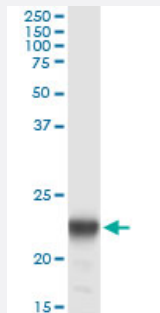


Western Blot (Transfected lysate)

Western Blot analysis of PMVK expression in transfected 293T cell line by PMVK monoclonal antibody (M07), clone 2B8.

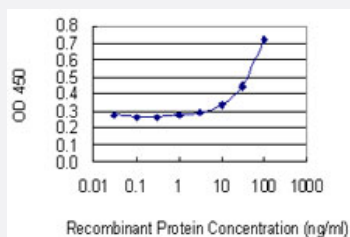
Lane 1: PMVK transfected lysate(22 KDa).

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.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PMVK is 3 ng/ml as a capture 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 TSTYKEAFRKDMIRWGEEKRQADPGFFCRKIVEGISQPIWLVSDDRVSQWVFREAYGAVTQTV 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 1x PBS, pH 7.4
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 (M07), clone 2B8.

Lane 1: PMVK transfected lysate(22 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

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

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- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged PMVK is 3 ng/ml as a capture 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](#)