

OriGene Technologies, Inc.

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Product datasheet for TA503447

PMVK Mouse Monoclonal Antibody [Clone ID: OTI1C12]

Product data:

Clone Name:OTITC12Applications:IF, WBRecommend Dilution:WB 1:2000, IF 1:100Reactivity:HumanHost:MouseIsotype:IgG2aClonality:MonoclonalImmunogen:Full length human recombinant protein of human PMVK(NP_006547) produced in HEK293T cell.Formulation:PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.Porteintform:9.65 mg/mlPurification:Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)Predicted Protein Size1.8 kDaGene Name:NP 0.06547 Entrez Gene 1.0654 HumanBackground:NP 0.06547 Entrez Gene 1.0654 HumanBackground:This gene encodes a peroxisomal enzyme that catalyzes the conversion of mevalonate 5- physphate 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-methylglutary conzyme A reductase, the rate-limiting enzyme of cholesterol biosynthesis. [provided by Refer, Sep 2011]Synonyms:HUMPMKI; PMKA; PMKASE; POROK1Protein Families:Druggable Genome	Product Type:	Primary Antibodies
Recommend Dilution:WB 1:2000, IF 1:100Reactivity:HumanHost:MouseIsotype:IgG2aClonality:MonoclonalImmunogen:Full length human recombinant protein of human PMVK(NP_006547) produced in HEK293T cell.Formulation:PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.Concentration:0.6 mg/mlPurification:Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)Predicted Protein Size:21.8 kDaGene Name:phosphomevalonate kinaseDatabase Link:NP 006547 Entrez Gene 10654 HumanBackground: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 profusphate, into ansage 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]Synonyms:HUMPMKK; PMKA; PMKASE; POROK1	Clone Name:	OTI1C12
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Protein Families: Druggable Genome	Synonyms:	HUMPMKI; PMK; PMKA; PMKASE; POROK1
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Protein Pathways: Metabolic pathways, Terpenoid backbone biosynthesis	Protein Pathways:	Metabolic pathways, Terpenoid backbone biosynthesis



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Product images:

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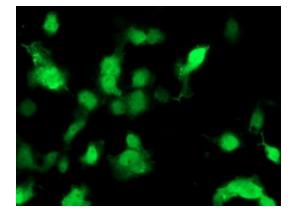
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HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PMVK ([RC202867], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-PMVK. Positive lysates [LY416571] (100ug) and [LC416571] (20ug) can be purchased separately from OriGene.



Anti-PMVK mouse monoclonal antibody (TA503447) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY PMVK ([RC202867]).

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