

ARG57043 anti-PMVK antibody [21C10]

Package: 50 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [21C10] recognizes PMVK
Tested Reactivity	Hu
Tested Application	FACS, WB
Host	Mouse
Clonality	Monoclonal
Clone	21C10
Isotype	IgG2a, kappa
Target Name	PMVK
Species	Human
Immunogen	Recombinant fragment around aa. 1-192 of Human PMVK.
Conjugation	Un-conjugated
Alternate Names	PMKase; PMKASE; hPMK; PMKA; HUMPMKI; EC 2.7.4.2; Phosphomevalonate kinase; PMK

Application Instructions

Application table	Application	Dilution
	FACS	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

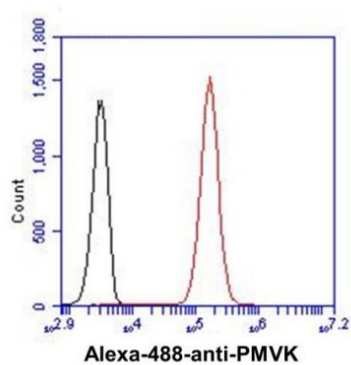
Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4), 0.02% Sodium azide and 10% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	10% Glycerol
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

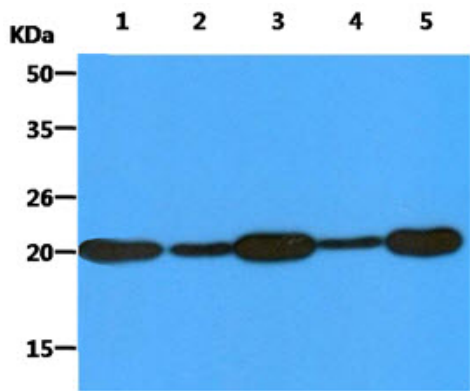
Database links	GeneID: 10654 Human Swiss-port # Q15126 Human
Gene Symbol	PMVK
Gene Full Name	phosphomevalonate kinase
Background	This gene encodes a peroxisomal enzyme that catalyzes the conversion of mevalonate 5-phosphate into mevalonate 5-diphosphate, the fifth reaction of the cholesterol biosynthetic 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-methylglutaryl coenzyme A reductase, the rate-limiting enzyme of cholesterol biosynthesis. [provided by RefSeq, Sep 2011]
Calculated Mw	22 kDa

Images



ARG57043 anti-PMVK antibody [21C10] FACS image

Flow Cytometry: LNCap cell line stained with ARG57043 anti-PMVK antibody [21C10] at 2-5 µg for 1x10⁶ cells (red line). Secondary antibody: Goat anti-Mouse IgG Alexa fluor 488 conjugate. Isotype control antibody was Mouse IgG (black line).



ARG57043 anti-PMVK antibody [21C10] WB image

Western blot: 40 µg of 1) HeLa cell lysate, 2) HepG2 cell lysate, 3) Jukat cell lysate, 4) MCF7 cell lysate, 5) A549 cell lysate stained with ARG57043 anti-PMVK antibody [21C10] at 1:1000.