

Datasheet for ABIN911585

## anti-PMVK antibody (AA 15-120) (AbBy Fluor® 488)



[Go to Product page](#)

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | PMVK   |
| Binding Specificity: | AA 15-120  |
| Reactivity:          | Human, Mouse   |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | This PMVK antibody is conjugated to AbBy Fluor® 488  |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from human PMVK |
| Isotype:              | IgG  |
| Cross-Reactivity:     | Human, Mouse   |
| Predicted Reactivity: | Rat,Cow,Sheep,Pig,Horse,Rabbit                           |
| Purification:         | Purified by Protein A.                                   |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | PMVK                                   |
| Alternative Name: | PMVK ( <a href="#">PMVK Products</a> ) |

## Target Details

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**Background:** Synonyms: PMK, PMKA, PMKASE, HUMPMKI, Phosphomevalonate kinase, hPMK, PMVK, PMKI  
Background: PMVK is a 192 amino acid peroxisomal enzyme belonging to the nucleoside monophosphate (NMP) kinase family and is expressed in heart, liver, skeletal muscle, kidney, and pancreas with lower expression in brain, placenta and lung. Induced by sterol, PMVK participates in isopentenyl diphosphate biosynthesis via the mevalonate pathway. PMVK catalyzes the conversion of mevalonate 5-phosphate into mevalonate 5-diphosphate in the fifth reaction of the cholesterol biosynthetic pathway. PMVK exists as a monomer and is encoded by a gene located on human chromosome 1, which houses over 3,000 genes and is the largest human chromosome spanning about 260 million base pairs and making up 8 % of the human genome.

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**Gene ID:** 10654

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**UniProt:** [Q15126](#)

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months