10320 Camino Santa Fe, Suite G
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Anti-MVD Rabbit Monoclonal Antibody
Catalog # ABO16121

Specification

Anti-MVD Rabbit Monoclonal Antibody - Product Information

Application	**WB**
Primary Accession	P53602
Host	**Rabbit**
Isotype	**IgG**
Reactivity	**Human**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-MVD Rabbit Monoclonal Antibody . Tested in WB application. This antibody reacts with Human.

Anti-MVD Rabbit Monoclonal Antibody - Additional Information

Gene ID 4597

Other Names
Diphosphomevalonate decarboxylase, 4.1.1.33, Mevalonate (diphospho)decarboxylase, MDDase, Mevalonate pyrophosphate decarboxylase, MVD, MPD {ECO:0000303|PubMed:14972328}

Calculated MW
43 kDa KDa

Application Details
WB 1:500-1:2000

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human MVD

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

Anti-MVD Rabbit Monoclonal Antibody - Protein Information

Name MVD

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Synonyms MPD {ECO:0000303|PubMed:14972328}

Function
Catalyzes the ATP dependent decarboxylation of (R)-5- diphosphomevalonate to form isopentenyl diphosphate (IPP). Functions in the mevalonate (MVA) pathway leading to isopentenyl diphosphate (IPP), a key precursor for the biosynthesis of isoprenoids and sterol synthesis.

Cellular Location
Cytoplasm.

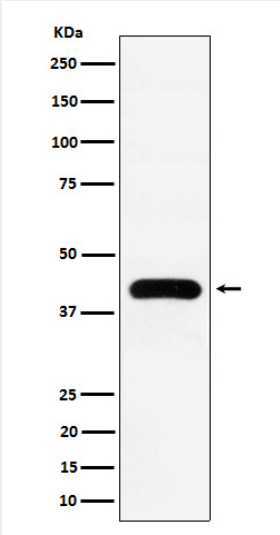
Tissue Location
Expressed in heart, skeletal muscle, lung, liver, brain, pancreas, kidney and placenta.

Anti-MVD Rabbit Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Anti-MVD Rabbit Monoclonal Antibody - Images



Western blot analysis of MVD expression in K562 cell lysate.