

Anti-MVD Rabbit Monoclonal Antibody

Catalog # ABO16121

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.

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	43405
Application Details	WB 1:500-1:2000
Source	Eukaryota
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.
Clone Names	Clone: 27M00
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.

Protein Information

Name	MVD
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.

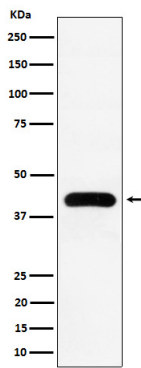
Cellular Location

Cytoplasm.

Tissue Location

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

Images



Western blot analysis of MVD expression in K562 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.