

Rabbit anti-Human MVD Polyclonal Antibody | anti-MVD antibody

MVD Antibody (Center) Purified Rabbit Polyclonal Antibody (Pab)

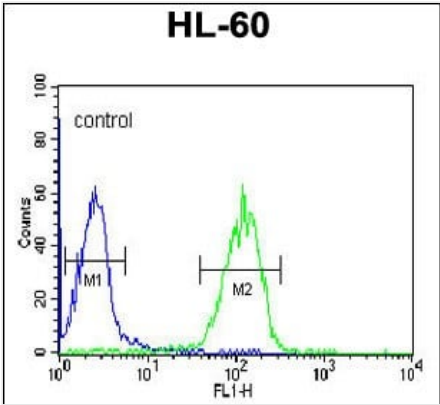
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA291001	Rabbit	Human	ELISA, Immunohistochemistry, Flow Cytometry, Functional Assay, Western Blot

PRODUCT SYNONYMS

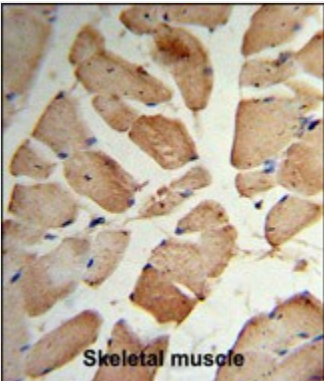
MVD; Polyclonal Antibody; MVD Antibody (Center) Purified Rabbit Polyclonal Antibody (Pab); Diphosphomevalonate decarboxylase; Mevalonate (diphospho)decarboxylase; MDDase; Mevalonate pyrophosphate decarboxylase; MPD; anti-MVD antibody

PRODUCT SPECIFICATIONS

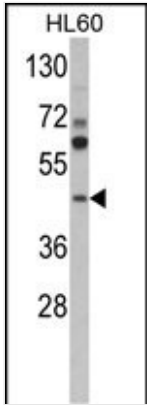
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit Ig
Clone Number	RB18656
Specificity	This MVD antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 164-193 amino acids from the Central region of human MVD.
Purity/Purification	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Applicable Applications for anti-MVD antibody	ELISA, IHC (Immunohistochemistry), FCM/FACS (Flow Cytometry), WB (Western Blot)
Antigen Source	Human
Antigen Type	Synthetic Peptide
Antigen Region	164-193
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
FC: 1:10~50MVD Antibody (Center) flow cytometric analysis of HL-60 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohistochemistry)
IHC-P: 1:50-100Formalin-fixed and paraffin-embedded human Skeletal muscle reacted with MVD Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
WB: 1:1000Western blot analysis of MVD Antibody (Center) in HL60 cell line lysates (35ug/lane). MVD (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-MVD antibody	The enzyme mevalonate pyrophosphate decarboxylase catalyzes the conversion of mevalonate pyrophosphate into isopentenyl pyrophosphate in one of the early steps in cholesterol biosynthesis. It decarboxylates and dehydrates its substrate while hydrolyzing ATP.
Product Categories/Family for anti-MVD antibody	Primary Antibodies; Cancer; Cardiovascular; Metabolism; Signal Transduction
References	Voynova,N.E., Arch. Biochem. Biophys. 480 (1), 58-67 (2008)Hogenboom,S., Mol. Genet. Metab. 81 (3), 216-224 (2004)Wadhwa,R., Biochem. Biophys. Res. Commun. 302 (4), 735-742 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505289
NCBI GeneID	4597
NCBI Accession #	NP_002452.1
NCBI GenBank Nucleotide #	NM_002461.2
UniProt Accession #	P53602; Q53Y65
Molecular Weight	43,405 Da

NCBI Official Full Name	diphosphomevalonate decarboxylase
NCBI Official Synonym Full Names	mevalonate (diphospho) decarboxylase
NCBI Official Symbol	MVD
NCBI Official Synonym Symbols	MPD; MDDase; FP17780
NCBI Protein Information	diphosphomevalonate decarboxylase; mevalonate pyrophosphate decarboxylase
UniProt Protein Name	Diphosphomevalonate decarboxylase
UniProt Gene Name	MVD
UniProt Synonym Gene Names	MPD; MDDase
UniProt Entry Name	MVD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/mvd-antibody-clone-rb18656-immunohistochemistry-flow-cytometry-western-blot-elisa/291001>