MVD (Human) IP-WB Antibody Pair

Catalog # H00004597-PW1 Size 1 Set

Applications



Immunoprecipitation of MVD transfected lysate using rabbit polyclonal anti-MVD and Protein A Magnetic Bead (<u>U0007</u>), and immunoblotted with mouse polyclonal anti-MVD.

Specification	
Product Description	This IP-WB antibody pair set comes with one antibody for immunoprecipitation and another to detect the precipitated protein in western blot.
Reactivity	Human
Quality Control Testing	Immunoprecipitation-Western Blot (IP-WB) Immunoprecipitation of MVD transfected lysate using rabbit polyclonal anti-MVD and Protein A Magn etic Bead (<u>U0007</u>), and immunoblotted with mouse polyclonal anti-MVD.
Supplied Product	Antibody pair set content: 1. Antibody pair for IP: rabbit polyclonal anti-MVD (300 ul) 2. Antibody pair for WB: mouse polyclonal anti-MVD (50 ul)
Storage Instruction	Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze tha w cycle. Reagents should be returned to -20°C storage immediately after use.

Applications

Immunoprecipitation-Western Blot

Protocol Download

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Product Information

Gene Info — MVD	
Entrez GenelD	<u>4597</u>
Gene Name	MVD
Gene Alias	FP17780, MPD
Gene Description	mevalonate (diphospho) decarboxylase
Omim ID	<u>603236</u>
Gene Ontology	Hyperlink
Gene Summary	The enzyme mevalonate pyrophosphate decarboxylase catalyzes the conversion of mevalonate p yrophosphate into isopentenyl pyrophosphate in one of the early steps in cholesterol biosynthesis. It decarboxylates and dehydrates its substrate while hydrolyzing ATP. [provided by RefSeq
Other Designations	diphosphomevalonate decarboxylase mevalonate pyrophosphate decarboxylase

Pathway

- Biosynthesis of alkaloids derived from terpenoid and polyketide
- Biosynthesis of plant hormones
- Biosynthesis of terpenoids and steroids
- <u>Metabolic pathways</u>
- Terpenoid backbone biosynthesis

Disease

- <u>Cardiovascular Diseases</u>
- Diabetes Mellitus
- Edema