

## Datasheet

### MVD monoclonal antibody (M01), clone 2A7

pyrophosphate in one of the early steps in cholesterol biosynthesis. It decarboxylates and dehydrates its substrate while hydrolyzing ATP. [provided by RefSeq]

**Catalog Number:** H00004597-M01

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against a partial recombinant MVD.

**Clone Name:** 2A7

**Immunogen:** MVD (NP\_002452, 301 a.a. ~ 398 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Sequence:**

AYTFDAGPNAVIFTLDDTVAEFVAAVWHGFPPGSNGD  
TFLKGLQVRPAPLSAELQAALAMEPTPGGVKYIIVTQV  
GPGPQILDDPCAHLGLPDGLPKP

**Host:** Mouse

**Reactivity:** Human

**Applications:** ELISA, IF, S-ELISA, WB-Ce, WB-Re, WB-Tr  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Isotype:** IgG2a Kappa

**Storage Buffer:** In 1x PBS, pH 7.4

**Storage Instruction:** Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 4597

**Gene Symbol:** MVD

**Gene Alias:** FP17780, MPD

**Gene Summary:** The enzyme mevalonate pyrophosphate decarboxylase catalyzes the conversion of mevalonate pyrophosphate into isopentenyl