

KD-Validated Anti-Mevalonate Kinase Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1588**Specification****KD-Validated Anti-Mevalonate Kinase Rabbit Monoclonal Antibody - Product Information**

Application	WB, ICC
Primary Accession	Q03426
Reactivity	Rat, Human
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 42 kDa, observed, 42 kDa
Gene Name	KDa
Aliases	MVK Mevalonate Kinase; MK; LRBP; LH Receptor MRNA-Binding Protein; EC 2.7.1.36; Mevalonate Kinase (Mevalonic Aciduria); Mevalonate Kinase 1; Mevalonic Aciduria; POROK3; MVLK
Immunogen	A synthesized peptide derived from human MVK

KD-Validated Anti-Mevalonate Kinase Rabbit Monoclonal Antibody - Additional Information

Gene ID	4598
Other Names	
Mevalonate kinase, MK, 2.7.1.36, MVK (HGNC:7530)	

KD-Validated Anti-Mevalonate Kinase Rabbit Monoclonal Antibody - Protein Information**Name** MVK ([HGNC:7530](#))**Function**

Catalyzes the phosphorylation of mevalonate to mevalonate 5- phosphate, a key step in isoprenoid and cholesterol biosynthesis (PubMed:11278915, PubMed:18302342, PubMed:9325256, PubMed:9392419).

Cellular Location

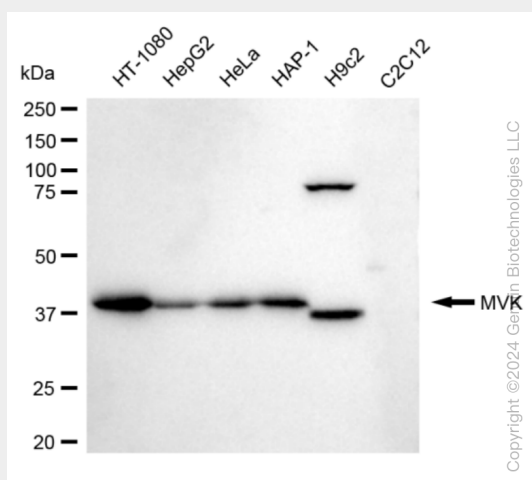
Cytoplasm. Peroxisome {ECO:0000250|UniProtKB:P17256}

KD-Validated Anti-Mevalonate Kinase Rabbit Monoclonal Antibody - Protocols

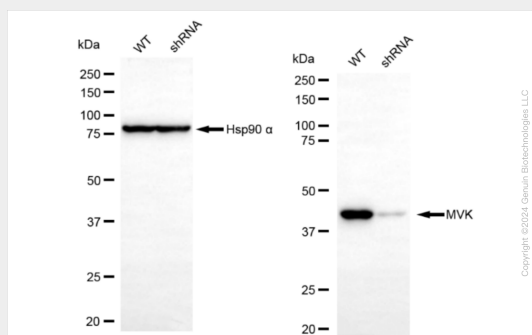
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

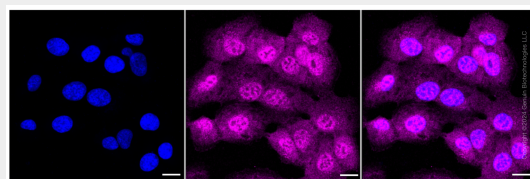
KD-Validated Anti-Mevalonate Kinase Rabbit Monoclonal Antibody - Images



Western blotting analysis using anti-MVK antibody (Cat#AGI1588). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-MVK antibody (Cat#AGI1588, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-MVK antibody (Cat#AGI1588). MVK expression in wild type (WT) and MVK shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-MVK antibody (Cat#AGI1588, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Immunocytochemical staining of HT-1080 cells with anti-MVK antibody (Cat#AGI1588, 1:1,000). Nuclei were stained blue with DAPI; MVK was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.