

RecomAb™

# MVP recombinant monoclonal antibody, clone R09-3D5

Catalog # RAB02087      Size 100 uL

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MVP.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human MVP.
Theoretical MW (kDa)	Calculated MW: 99 kD
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunofluorescence(1:50-1:200) Immunohistochemistry (1:50-1:100) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15 M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)
Storage Instruction	Store at -20 °C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot
- Immunohistochemistry

- Immunofluorescence

## Gene Info — MVP

**Entrez GeneID** [9961](#)

**Protein Accession#** [Q14764](#)

**Gene Name** MVP

**Gene Alias** LRP, VAULT1

**Gene Description** major vault protein

**Omim ID** [605088](#)

**Gene Ontology** [Hyperlink](#)

**Gene Summary** This gene encodes the major vault protein which is a lung resistance-related protein. Vaults are multi-subunit structures that may be involved in nucleo-cytoplasmic transport. This protein mediates drug resistance, perhaps via a transport process. It is widely distributed in normal tissues, and overexpressed in multidrug-resistant cancer cells. The protein overexpression is a potentially useful marker of clinical drug resistance. This gene produces two transcripts by using two alternative exon 2 sequences; however, the open reading frames are the same in both transcripts. [provided by RefSeq]

**Other Designations** -