

# LRP/MVP Rabbit mAb

Catalog No.: A24944 **Recombinant**

## Basic Information

### Observed MW

110kDa

### Calculated MW

99kDa

### Category

Primary antibody

### Applications

ELISA, WB, IHC-P

### Cross-Reactivity

Human, Mouse, Rat

### CloneNo number

ARC64517

## Background

This gene encodes the major component of the vault complex. Vaults are multi-subunit ribonucleoprotein structures that may be involved in nucleo-cytoplasmic transport. The encoded protein may play a role in multiple cellular processes by regulating the MAP kinase, JAK/STAT and phosphoinositide 3-kinase/Akt signaling pathways. The encoded protein also plays a role in multidrug resistance, and expression of this gene may be a prognostic marker for several types of cancer. Alternatively spliced transcript variants have been observed for this gene.

## Recommended Dilutions

<b>WB</b>	1:2000 - 1:8000
<b>IHC-P</b>	1:500 - 1:1000

## Immunogen Information

### Gene ID

9961

### Swiss Prot

Q14764

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-370 of Human LRP/MVP(NP\_034146.2).

### Synonyms

LRP; VAULT1; LRP/MVP

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

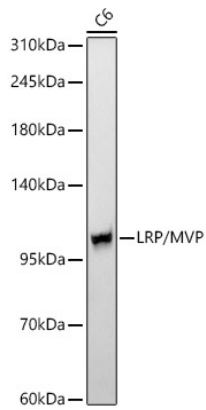
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

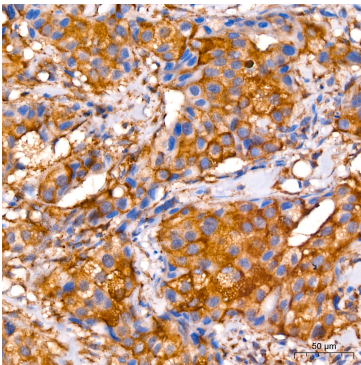
Buffer: PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from C6 cells, using LRP/MVP Rabbit mAb (A24944) at 1:7000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25ug per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 60s.



Immunohistochemistry analysis of LRP/MVP in paraffin-embedded human lung cancer tissue using LRP/MVP Rabbit mAb (A24944) at a dilution of 1:800 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.