

Anti-MVP Antibody (3C247)

Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 99 kDa.
Clone:	3C247
Purification:	ProA affinity purified

Applications

Application:	IHC,WB
Recommended	WB: 1:500-1000; IHC: 1:50-200

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Recombinant Protein
Uniprot ID:	Q14764
Synonyms:	Lung resistance related protein;LRP;MVP;testicular secretory protein Li 30;MVP_HUMAN;VAULT 1;Major vault protein;VAULT1;Major vault protein, rat, homolog of;Lung resistance-related protein

Research Background

Major vault protein (MVP), is overexpressed in various multidrug-resistant cancer cell lines and clinical samples. The promoter of MVP is TATA-less; contains an inverted CCAAT-box and a Sp1 site located near a p53 binding motif. MVP has two alternative splice variants, which differ from each other within the 5'-leader. The long-MVP isoform is ubiquitously expressed and represents an almost constant portion of the total MVP mRNA in many different normal tissues. MVP is the major component of the multimeric ribonucleoprotein complexes, with several copies of an untranslated RNA, which has been shown to transport along cytoskeletal-based cellular tracks. In conclusion, MVP protein mediates drug resistance, perhaps via a transport process.

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