MVP Conjugated Antibody

Catalog No: #C49659

Package Size: #C49659-AF350 100ul #C49659-AF405 100ul #C49659-AF488 100ul #C49659-AF555 100ul #C49659-AF594 100ul #C49659-AF647 100ul #C49659-AF680 100ul #C49659-AF750 100ul #C49659-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	MVP Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	LRP antibody Lung resistance related protein antibody Lung resistance-related protein antibody Major vault protein antibody Major vault protein, rat, homolog of antibody MVP antibody MVP_HUMAN antibody testicular secretory protein Li 30 antibody VAULT 1 antibody VAULT1 antibody
Accession No.	Swiss-Prot#:Q14764
Uniprot	Q14764
GeneID	9961;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	99 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

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.

Note: This product is for in vitro research use only