OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AM32055SU-N

MVP Mouse Monoclonal Antibody [Clone ID: LRP-56]

Product data:

Product Type:	Primary Antibodies
Clone Name:	LRP-56
Applications:	IF, IHC
Recommended Dilution:	**Flow Cytometry:** Use at least 1/50. Cell permeabilization required with 10% lyzing solution followed by primairy antibody and anti-Mouse-FITC. **Immunocytochemistry:** Use at least 1/20-1/50 on Aceton fixed cell preparation. **Immunohistochemstry on Acetone-Fixed Frozen Sections:** at least 1/20-1/50. **Immunohistochemstry on Formalin-Fixed Paraffin Embedded Tissues:** 1/20.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2b
Clonality:	Monoclonal
Specificity:	This Monoclonal antibody *LRP-56* reacts with an internal epitope of the LRP-protein (P110), which is strongly over-expressed in various Human non-P-glycoprotein MDR tumor cell lines.
Formulation:	State: Supernatant State: Liquid Stabilizer: 1% BSA Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for 3 months or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	major vault protein
Database Link:	Entrez Gene 9961 Human Q14764

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Background: 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.

Synonyms: MVP, LRP