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Anti-MVP Rabbit Monoclonal Antibody

Catalog # ABO15236

Product Information

Application	WB, IHC
Primary Accession	Q14764
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-MVP Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

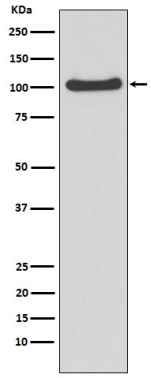
Gene ID	9961
Other Names	Major vault protein, MVP, Lung resistance-related protein, MVP, LRP
Calculated MW	99327
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 18M12
Immunogen	A synthesized peptide derived from human MVP
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Protein Information

Name	MVP
Synonyms	LRP
Function	Structural component of the vault particle, which is a massive ribonucleoprotein complex that may play a role in cargo transport and signal transduction (PubMed:40691181). Oligomerizes to form a cage-like vault

	complex, which can house several minor vault components including PARP4 (PubMed:40691181). Vaults may play a role in nucleo-cytoplasmic transport (PubMed:15133037). Down-regulates IFNG- mediated STAT1 signaling and subsequent activation of JAK (PubMed:16418217). Down-regulates SRC activity and signaling through MAP kinases (PubMed:16441665).
Cellular Location	Cytoplasm. Nucleus, nuclear pore complex. Cytoplasm, perinuclear region. Note=5% found in the nuclear pore complex (PubMed:15133037). Translocates from the nucleus to the cytoplasm upon EGF treatment (PubMed:16441665)
Tissue Location	Present in most normal tissues. Higher expression observed in epithelial cells with secretory and excretory functions, as well as in cells chronically exposed to xenobiotics, such as bronchial cells and cells lining the intestine. Overexpressed in many multidrug- resistant cancer cells

Images



Western blot analysis of MVP expression in A549 cell lysate.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.