

**bs-0661R****[ Primary Antibody ]****LRP/MVP Rabbit pAb****Bioss**  
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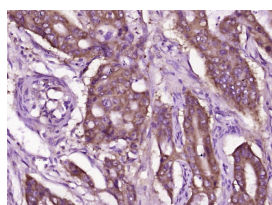
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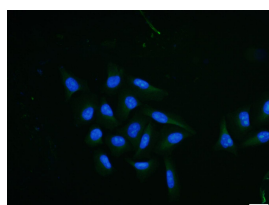
400-901-9800

**— DATASHEET —****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 9961**SWISS:** Q14764**Target:** LRP/MVP**Immunogen:** KLH conjugated synthetic peptide derived from human LRP: 88-180/893.**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

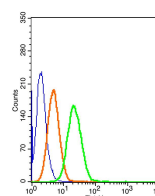
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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. [provided by RefSeq, May 2012]**Applications:** IHC-P (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Flow-Cyt** (2µg/Test)**ICC/IF** (1:100)**Reactivity:** Human (predicted: Mouse, Rat, Rabbit, Pig, Cow, Dog, GuineaPig, Horse)**Predicted MW.:** 99 kDa**Subcellular Location:** Cytoplasm ,Nucleus**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (Human colon cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (LRP/MVP) Polyclonal Antibody, Unconjugated (bs-0661R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (LRP/MVP) polyclonal Antibody, Unconjugated (bs-0661R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.



The figure annotation: The blue histogram is unstained cells. The Orange histogram is cells stained with Rabbit IgG/FITC (bs-0295P-FITC). The green histogram is cells stained with Rabbit Anti-LRP/MVP/FITC Conjugated antibody (bs-0661R-FITC). Controls Positive control: HepG 2 cells Isotype control: Cell lines treated with Rabbit IgG/FITC (bs-0295P-FITC) instead of the primary antibody to confirm that primary antibody binding is specific. 2µg in 1 00 µL 1 X PBS containing 0.5% BSA.

**— SELECTED CITATIONS —**

- **[IF=6.93]** Peng, Lei, et al. "Development of a novel orthotopic non-small cell lung cancer model and therapeutic benefit of 2'-(2-bromohexadecanoyl)-docetaxel conjugate nanoparticles." *Nanomedicine: Nanotechnology, Biology and Medicine* (2014). IHC ;="Mouse". 24709328
- **[IF=3.75]** Pan, Hong - Chao, et al. "Major vault protein promotes locomotor recovery and regeneration after spinal cord injury in adult zebrafish." *European Journal of Neuroscience* 37.2 (2013): 203-211. WB ;="Fish". 23106570
- **[IF=3.07]** Wen-Qing, Hu, Peng Chun-Wei, and Li Yan. "The expression and significance of P-glycoprotein, lung resistance

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

protein and multidrug resistance-associated protein in gastric cancer." Journal of Experimental & Clinical Cancer Research 28 (2009). Other ;="Human". 19930704