

Anti-LRP/MVP Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Human (predicted:Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,GuineaPig)
Molecular Weight:	Theoretical: 99 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	<p>1. Paraformaldehyde-fixed, paraffin embedded (Human colon cancer); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30 min; Antibody incubation with (LRP/MVP) Polyclonal Antibody, Unconjugated (TMAB-08393) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.</p> <p>2. The figure annotation: The blue histogram is unstained cells. The Orange histogram is cells stained with Rabbit IgG/FITC The green histogram is cells stained with Rabbit Anti-LRP/MVP/FITC Conjugated antibody (TMAB-08393-FITC). Controls Positive control: HepG 2 cells Isotype control: Cell lines treated with Rabbit IgG/FITC instead of the primary antibody to confirm that primary antibody binding is specific. 2 µg in 1 00 µL 1 X PBS containing 0.5% BSA.</p> <p>3. Hela cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum) at 37°C for 20 min; Antibody incubation with (LRP/MVP) polyclonal Antibody, Unconjugated (TMAB-08393) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue) was used to stain the cell nuclei.</p>
Application:	IHC-P,IHC-Fr,ICC/IF,IF,FCM
Recommended	IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500; FCM: 2µg/Test

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen: KLH conjugated synthetic peptide: human LRP
Antigen Species: Human
Gene ID: 9961
Uniprot ID: Q14764

Research 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]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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