Monoclonal Mouse Antibody to LRP / MVP (Major Vault Protein)

Catalog No.:	Mob 344, Movb 344-05
Intended Use:	This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.
Immunogen:	BALB/C mice were injected with proteins precipitated with AER317 from the phosphocellulose column flow through of extract of human breast cancer MCF-7 cells.
Clone:	1032
Isotype:	IgG1
Format:	This antibody is supplied as purified immunoglobulin fraction containing sodium azide as a preservative.
Titer/Working Dilution:	This antibody may be diluted to a titer of 1:50-1:100 in an ABC method. The final dilution should be determined by the user based upon the staining conditions employed.
Staining Protocol:	We suggest an incubation period of 30 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. Formalin fixed paraffin embedded tissue sections require high temperature antigen unmasking with 10 mM citrate buffer, pH 6.0 prior to immunostaining.
Specificity:	This antibody reacts with a 104 to 110 kD protein known Major Vault Protein (MVP). It is identical to lung-resistance related protein (LRP). Treatment of cells with estradiol increases the amount of MVP in nuclear extract. Antibodies to progesterone and glucocorticoid receptors are also able to co-immunoprecipitate the MVP. This antibody cross reacts with rat.
Positive Control:	Breast
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Abbondanza et al. J Cell Biol 141: 1310, 1998.

IVD: For In Vitro Diagnostic Use

DBS will not be held responsible for patent infringement or other violation that may occur with the use of our product

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