

Monoclonal Mouse Antibody to Lymphocyte Phosphatase-Associated Phosphoprotein (LPAP)

Catalog No.:	Mob 415, Mob 415-05
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:	Prokaryotic recombinant protein corresponding to the entire cytoplasmic domain of the LPAP molecule.
Clone:	17A5
Isotype:	IgG1
Format:	This antibody is supplied as tissue culture supernatant 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 60 minutes at room temperature. Optimal incubation conditions should be determined by the user based upon the fixation conditions and staining system employed. <u>High temperature treatment of formalin-fixed tissue sections with 10mM citrate buffer, pH 6.0 must be performed prior to the immunostaining.</u>
Specificity:	Lymphocyte phosphatase-associate Phosphoprotein (LPAP) is a transmembrane phosphoprotein of 32 kD which is only stable when expressed in the presence of CD45 glycoprotein. It is expressed on both resting and activated T and B lymphocyte, NK cells, and thymocytes. Terminally differentiated plasma cells, granulocytes, and monocytes do not express LPAP.
Positive Control:	Tonsil
Cellular Localization:	Membrane
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	i) Ding et al. Eu J Immunol 29: 3956, 1999. ii) Schraven et al. The J Biol Chem 269: 29102, 1994. iii) Shimizu et al. Am J Hematol 54: 1, 1997.

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

DBS

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