

Monoclonal Mouse Antibody to Hepatocyte Specific Antigen

Catalog No.:	Mob 426, Mob 426-05
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:	Formalin-fixed, failed allograft human liver
Clone:	OCH1E5 (also known as Hep Par 1)
Isotype:	IgG1, kappa
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 1:50-1:200 when using an enzyme-labeled polymer detection 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. <u>Formalin fixed tissues do not require any special treatment; however, heat-induced epitope retrieval with 10 mM Citrate, pH 6.0 or 1 mM EDTA, pH 8.0 may increase signal detected.</u>
Specificity:	Hepatoblastoma is the most common primary tumor of the liver in children. Use of specific hepatocyte markers and alpha-fetoprotein or carcinoembryonic antigen are useful for identifying normal and malignant fetal hepatocytes. This antibody recognizes an uncharacterized antigen present in both adults and fetal normal hepatocytes to produce distinct granular cytoplasmic staining. This antibody stains the majority of hepatocellular carcinomas.
Positive Control:	Liver
Cellular Localization:	Cytoplasmic
Storage:	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
References:	(i) Amarapurkar et al. Indian J Pathol Microbiol 49 (3): 341, 2006. (ii) Chu et al. Am J Surg Pathol 26 (8): 978, 2002. (iii) Fasano et al. Mod Pathol 11: 934, 1998. (iv) Lamps and Folpe Adv Anat Pathol 10 (1): 39, 2003. (v) Siddiqui et al. Cancer Cytopathol 96 (1): 49, 2002. (vi) Wennerberg et al. Am J Pathol 143: 1050, 1993.

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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