

## Monoclonal Mouse Antibody to Human Alpha Fetoprotein (AFP)

<b>Catalog No.:</b>	PDM 057
<b>Intended Use:</b>	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.
<b>Immunogen:</b>	BALB/C mice were injected with human alpha-fetoprotein.
<b>Clone:</b>	C3
<b>Isotype:</b>	IgG2a
<b>Format:</b>	This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded and acetone fixed cryostat tissue sections. No further titration is required.
<b>Staining Protocol:</b>	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>Suitable for formalin fixed, paraffin embedded tissue sections.</u>
<b>Specificity:</b>	Alpha-Fetoprotein (AFP) is a single chain glycoprotein of 70 kD that is normally expressed in the fetal liver, gastrointestinal tract and yolk sac. This antibody recognizes an epitope of alpha-Fetoprotein present in human and several other species. It cross reacts with human, dog and pig but not with bovine, cat, rat and mouse.
<b>Positive Control:</b>	Fetal liver
<b>Cellular Localization:</b>	Cytoplasmic
<b>Storage:</b>	Store at 2-8°C. Do not use beyond the expiration date stated on the label.
<b>References:</b>	i) Abelev et al. Cancer Res 14:295, 1971. ii) Chan et al. Clin Chem 32: 1318, 1985. iii) Yazova et al. Immunol Lett 25: 325, 1990.

### 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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