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36-1079: Monoclonal Antibody to AFP (Alpha Fetoprotein) (Hepatocellular/Germ Cell Tumor Marker) (Clone: SPM334)

Clonality: Monoclonal SPM334 **Clone Name:** Application: IHC,FACS,IF Reactivity: Human Gene: **AFP** Gene ID: 174 **Uniprot ID:** P02771 Format: **Purified Alternative Name:** AFP.HPAFP

Isotype: Mouse IgG2a, kappa

Immunogen Information: Alpha fetoprotein (AFP) purified from serum of a hepatoma patient

Description

It recognizes an oncofetal glycoprotein with a single chain of 70kDa, which is identified as alpha fetoprotein (AFP). This MAb is highly specific to AFP and shows no cross-reaction with other oncofetal antigens or serum albumin. AFP is normally synthesized in the liver, intestinal tract, and yolk sac of the fetus. Antibody to AFP has been shown to be useful in detecting hepatocellular carcinomas (HCC) and germ cell neoplasms, especially yolk sac tumors.

Product Info

Amount: $100 \mu g$

Purification: Affinity Chromatography

Content: 100 μg in 500 μl PBS containing 0.05% BSA and 0.05% sodium azide. Sodium azide is highly

toxic.

Storage condition : Store the antibody at 4°C; stable for 6 months. For long-term storage; store at -20°C. Avoid

repeated freeze and thaw cycles.

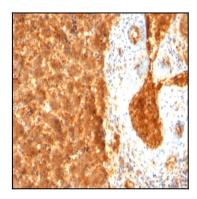
Application Note

Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);



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Formalin-fixed, paraffin-embedded human Fetal Liver stained with AFP Monoclonal Antibody (SPM334).