

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

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| Clonality : | Monoclonal |
| Clone Name : | SPM334 |
| 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

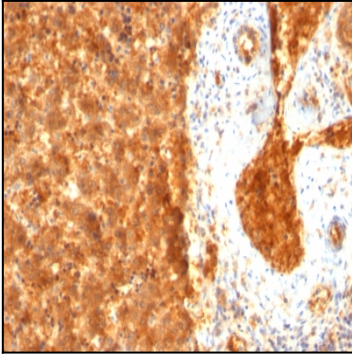
It recognizes an oncofetal glycoprotein with a single chain of 70kDa, which is identified as alpha fetoprotein (AFP). This MAb is highly specific to AFP and shows no cross-reaction with other oncofetal antigens or serum albumin. AFP is normally synthesized in the liver, intestinal tract, and yolk sac 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

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| Amount : | 100 µg |
| 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);



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