

39-1002: Anti-AFP Monoclonal Antibody (Clone: C3)

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|--------------------------------|--------------------------|
| Clonality : | Monoclonal |
| Clone Name : | C3 |
| Reactivity : | Human |
| Gene : | AFP |
| Gene ID : | 174 |
| Uniprot ID : | P02771 |
| Alternative Name : | AFP, HPAFP |
| Isotype : | Mouse IgG2a |
| Immunogen Information : | Human alpha-fetoprotein. |

Description

Alpha-fetoprotein(AFP) is a major plasma protein in the fetus, where it is produced by the yolk sac and liver. Direct confirmation of the assignment of the AFP gene to chromosome 4 by in situ hybridization was provided by Harper and Dugaiczky(1983), who placed the gene in the q11-q22 region, the same region as the albumin gene. Structure and evolution of human alpha-fetoprotein deduced from partial sequence of cloned cDNA.As the major fetal serum protein, Alpha-fetoprotein is not essential for embryonic development but is required for female fertility.

Product Info

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| Amount : | 100 µg/vial |
| Purification : | Ascites |
| Content : | Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN ₃ as preservative. Reconstitute : Add 1ml of PBS buffer will yield a concentration of 100ug/ml. |
| Storage condition : | At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing. |

Application Note

Immunohistochemistry(Paraffin-embedded Section) : 2-4µg/ml

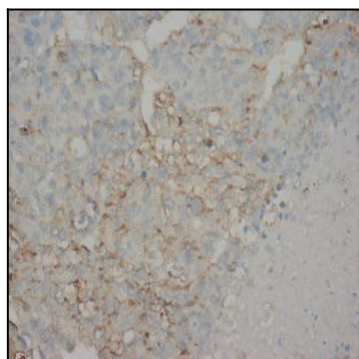


Figure 1: Anti-AFP monoclonal antibody(39-1002). IHC(P): Human Liver Cancer Tissue.

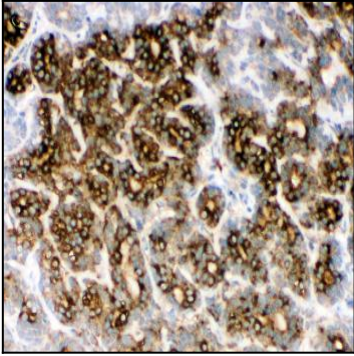


Figure 2: Anti-AFP monoclonal antibody(39-1002). IHC(P): Human Hepatitis Tissue.