

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

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

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 Dugaiczyk(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

Amount : 100 μg/vial **Purification :** Ascites

Content: Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 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

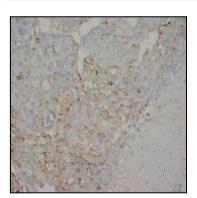


Figure 1: Anti-AFP monoclonal antibody (39-1002). IHC(P): Human Liver Cancer Tissue.



9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

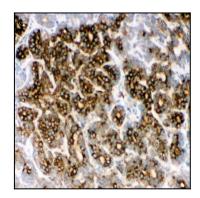


Figure 2: Anti-AFP monoclonal antibody(39-1002). IHC(P): Human Hepatitis Tissue.