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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

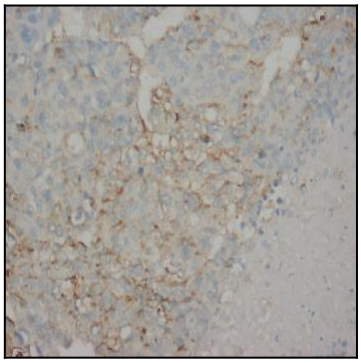

Figure 1: Anti-AFP monoclonal antibody(39-1002). IHC(P): Human Liver Cancer Tissue.

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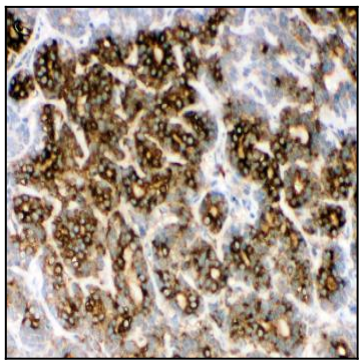

Figure 2: Anti-AFP monoclonal antibody(39-1002). IHC(P): Human Hepatitis Tissue.