

AFP, Alpha-Fetoprotein clone C3

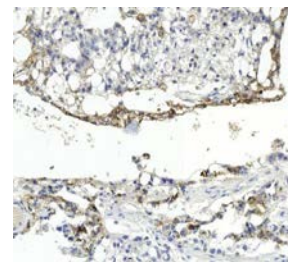
Instructions For Use

Specification:

It recognizes an oncofetal glycoprotein with a single chain of 70kDa, which is identified as alpha-fetoprotein (AFP) (ISOBM TD-2 workshop). 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

Availability:

Catalog No.	Contents	Volume
ILM 0174 C1	AFP	1,0 ml concentrate
ILM 0174 C05	AFP	0,5 ml concentrate
ILM 0174 C01	AFP	0,1 ml concentrate



Intended use: For In Vitro Diagnostic Use (IVD)

Reactivity: Human, Monkey, Dog, and Pig. It does not react with cow, dog, mouse, and rat.

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

Clone: C3

Species of origin: Mouse

Isotype: IgG_{2a}, kappa

Control Tissue: Fetal liver, hepatocellular carcinoma

Staining: Cytoplasmic

Presentation: Bioreactor concentrate with 0.05% Azide

Application and suggested dilutions:

Pretreatment: Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Immunohistochemical staining of formalin-fixed, paraffin embedded tissue section (dilution 1:200-1:400)

The optimal dilution for a specific application should be determined by the investigator.

Note: Dilution of the antibody in 10% normal goat serum followed by a goat anti-mouse secondary antibody based detection is recommended

Storage & Stability: Store at 2-8 °C. Do not use after expiration date printed on the vial.

Reference:

- 1) Tsung K., Milunsky A., Alpert E. J. Immunol. Methods 39: 363-368 (1980).
- 2) Michell B., et al, Eur. J. Cancer Clin. Oncol. 19:1239-1246 (1983).
- 3) Yazova A.K., et al, Immunol. Lett. 25: 325-330 (1990).
- 4) Nustad K., et al, Tumor Biol 19: 293 -300 (1998).