

Alpha Fetoprotein (AFP)

Catalog # RB-9064-P0, -P1, or -P (0.1ml, 0.5ml, or 1.0ml at 200ug/ml)

Catalog # RB-9064-R7 (7.0ml)

Catalog # RB-9064-PCS

INTENDED USE:

- **For In Vitro Diagnostic Use:** This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
- **Description:** 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.
- **Expected Staining Pattern:** Cytoplasmic
- **Positive Control:** HeLa cells, HepG2 cells, fetal liver or hepatocellular CA

MATERIALS PROVIDED:

Alpha Fetoprotein (AFP) (refer to catalog number):

- #RB-9064-P (or -P0, -P1): 200ug/ml of antibody purified from ascites. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide.
- or
- #RB-9064-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.
- or
- #RB-9064-PCS: 5 positive control slides.
- **Antibody Concentration:** 200ug/ml
- **Host:** Rabbit
- **Mol. Wt. of Antigen:** 70kDa
- **Epitope:** not known
- **Species Reactivity:** Human. Others not tested.
- **Clone Designation:** Polyclonal
- **Ig Isotype / Light Chain:** IgG
- **Immunogen:** Human alpha-fetoprotein purified from human cord serum
- **Microbiological State:** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED:

- **Antibody Diluent:** For concentrated antibodies, the antibody must be diluted before using. Use Lab Vision Antibody Diluent (catalog # TA-125-UD). Refer to diluent product instructions for use.
- **Negative Control Reagent:** Refer to the "General Protocol" instructions.
- **Visualization System:** Refer to the "General Protocol" instructions.

METHODS AND PROCEDURES:

Specimen Preparation	Refer to the "General Protocol" instructions.
Dilution of Concentrated Antibody	1:200 in antibody diluent
Tissue Section Pretreatment	No special pretreatment is required for immuno-histochemical staining of formalin-fixed tissues.
Primary Antibody Incubation Time	30 minutes at Room Temperature
Visualization	To detect antibody, follow the instructions provided with the visualization system.

STORAGE and STABILITY:

This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.