

Rabbit Polyclonal anti-Alpha Fetoprotein (AFP)

60-0088; 60-0088-7

61-0088; 61-0088-2; 61-0088-5

Isotype

Concentration

6 mL; 7 mL predilute Antibody, Ready-To-Use

1 mL; 0.2 mL; 0.5 mL Concentrate Antibody

N/A

See container label

Intended Use

For In Vitro Diagnostic Use.

This product is used to qualitatively detect Alpha fetoprotein (AFP) in normal and neoplastic formalin fixed, paraffin embedded (FFPE) tissue sections in immunohistochemical (IHC) detection methodology. Interpretation must be made within the context of the patient's clinical history and other diagnostic test by a qualified pathologist.

Description

Alpha fetoprotein (AFP) is a glycoprotein composed of 590 amino acid residues. Cells of the embryonic yolk sac, fetal liver and intestinal tract synthesize this glycoprotein. This polyclonal antibody stains Alpha Fetoprotein in hepatocellular carcinoma, and gonadal and extragonadal germ cell tumors including yolk sac tumors. This antigen is otherwise not present in adult tissues.

Reagent provided

This antibody is diluted in 10 mM phosphate buffered saline (PBS), pH 7.2 containing 1% bovine serum albumin (BSA) and 0.09% sodium azide (NaN_3) as antimicrobial agent.

Precautions

For professional users.

Proper handling of this product as with any product derived from biological sources according to local and applicable regulations.

Sodium azide (NaN_3) is a toxic chemical. The concentration in this product is not classified as hazardous, however, the build-ups of NaN_3 may react with lead and copper plumbing to form highly explosive metal azides. Flush the disposed reagent with large volume of water to prevent azide build-up.

Usage

Dilution

60-0088; 60-0088-7: Ready-To-Use

61-0088; 61-0088-2; 61-0088-5: Dilute 1:50 to 1:100 before use when using Acu-Stain™ detection system. Optimum dilution factor may vary depending on the specimen and preparation process and should be determined by each individual investigator.

Staining procedure

Incubate this antibody with tissue section for 30-60 minutes at room temperature. Follow the instructions from the selected detection system.

Positive control tissue

Hepatocellular Carcinoma

Epitope retrieval:

None

Staining pattern

Cytoplasmic

Storage

Store at 2-8°C.

References

1. Cheddid A, et al. *Cancer* 1990;65:84-7.
2. Ishikura H, et al. *Virchows Archives A Pathology, Anatomy and Histopathology* 1990,417:73-80.
3. Leong AS-Y, et al. *Histopathology* 1998;33:318-24.

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