

Alpha-Fetoprotein Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251708

Unit: 0.1 mg

Description:

Alpha-fetoprotein (AFP) is a major plasma protein in the fetus produced by the yolk sac and liver. AFP is required for female fertility, yet not essential for embryonic development. AFP binds to copper, nickel, fatty acids, bilirubin and serum albumin. Only a small percentage (less than 2%) of the human AFP shows estrogen-binding properties. Dimeric and trimeric forms have been found in addition to the monomeric form.

Isotype: Mouse IgG2a

Applications: E, IHC

Species Reactivity: H

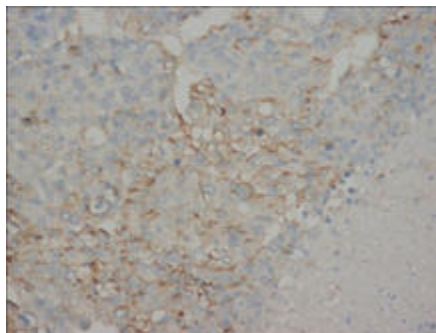
Format: Each vial contains 0.1 mg IgG1 in 0.1 ml (1 mg/ml) of PBS pH7.4, 0.2% BSA with 0.09% sodium azide. Antibody was purified by anti-mouse IgG affinity chromatography.

Alternate Names: Alpha-fetoprotein; Alpha-fetoglobulin; Alpha-1-fetoprotein; AFP; HPAFP

Accession No.: P02771

Antigen: Human alpha-fetoprotein.

Application Notes: E: 1:500-1:1,000; IHC: 1:100-1:500



Alpha-fetoprotein staining in human liver cancer.
Formalin-fixed paraffin-embedded human liver cancer tissue is stained with Alpha-Fetoprotein antibody (Cat. No. 251708) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles.
Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.