AFP (Alpha Fetoprotein) (Hepatocellular/Germ Cell Tumor Marker) Antibody - With BSA and Azide
Purified Mouse Monoclonal Antibody
Catalog # AH10106

Specification

Application
ELISA, FC, IF, WB, IP, IHC

Primary Accession
P02771

Reactivity
Human, Monkey

Predicted
Pig, Dog

Host
Mouse

Clonality
Monoclonal

Isotype
IgG2a, kappa

Clone Names
C3

Calculated MW
70 KDa

AFP (Alpha Fetoprotein) (Hepatocellular/Germ Cell Tumor Marker) Antibody - With BSA and Azide - Additional Information

Gene ID 174

Other Names
Alpha-fetoprotein, Alpha-1-fetoprotein, Alpha-fetoglobulin, AFP, HPAFP

Target/Specificity
Alpha fetoprotein (AFP) purified from serum of a hepatoma patient

Format
0.5 ml at 200ug/ml with BSA and azide

Storage
Store at 2 to 8°C. Antibody is stable for 24 months.

Precautions
AFP (Alpha Fetoprotein) (Hepatocellular/Germ Cell Tumor Marker) Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

AFP (Alpha Fetoprotein) (Hepatocellular/Germ Cell Tumor Marker) Antibody - With BSA and Azide - Background

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

AFP (Alpha Fetoprotein) (Hepatocellular/Germ Cell Tumor Marker) Antibody - With BSA and Azide - References


Name AFP

Synonyms HPAFP
Function
Binds copper, nickel, and fatty acids as well as, and bilirubin less well than, serum albumin. Only a small percentage (less than 2%) of the human AFP shows estrogen-binding properties.

Cellular Location
Secreted.

Tissue Location
Plasma. Synthesized by the fetal liver and yolk sac

**AFP (Alpha Fetoprotein) (Hepatocellular/Germ Cell Tumor Marker) Antibody - With BSA and Azide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry
- Cell Culture