

AFP Recombinant antibody

Cat:B32162R

Company: Haokebio

Uniprot ID:P02771

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Alpha-fetoprotein (AFP) is a glycoprotein present in the fetal liver, yolk sac, and gastrointestinal tract of mammals. AFP is expressed at low levels in normal adult cells but is abnormally expressed in adult liver cancer cells. Both the tumor suppressor gene p53 and β -catenin are involved in regulating AFP expression. In normal adult cells, p53 binds to the inhibitory region of the AFP gene, thereby blocking transcription. Mutations in both p53 and β -catenin are associated with the abnormal expression of AFP. Studies have shown that elevated serum AFP levels are a predictive indicator for hepatocellular carcinoma. AFP is not expressed in adult liver tissue but is abnormally expressed in adult liver cancer cells. AFP is mainly used for the clinical diagnosis of hepatocellular carcinoma.

Protein full name:

alpha-fetoprotein

Synonyms:

HPAFP, Alpha-fetoprotein, Alpha-fetoglobulin, Alpha-1-fetoprotein, alpha fetoprotein

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

 PBS with 0.02% sodium azide, 100 μ g/ml BSA and 50% glycerol.

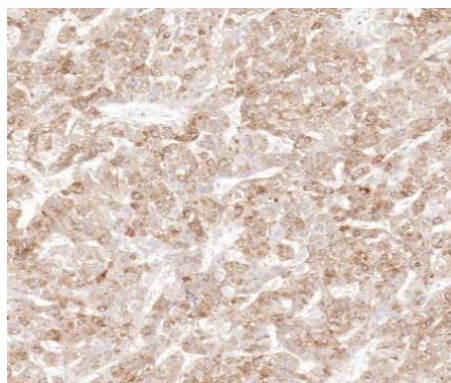
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human hepatocellular carcinoma tissue, 4% PFA 12-24h

Source of Reagents:

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