

Recombinant

AFP (BP6244) Rabbit mAb

db30200

Package : 100μL

Product Name : AFP (BP6244) Rabbit mAb**Cat.No.:** db30200**Synonyms** : AFPD; FETA; HPAFP**Application** : IHC**Reactivity** : Human**Host species** : Rabbit**Background**

Alpha-fetoprotein (AFP) is a 65 kDa glycoprotein found in the mammalian fetal liver, yolk sac, and GI tract. While AFP expression in adult cells is low, it is aberrantly expressed in adult liver cancer cells. The tumor suppressor gene p53 and β -catenin are both involved in the regulation of AFP expression. In normal adult cells, p53 binds to the repressor region of the AFP gene, thereby blocking transcription. Mutations in both p53 and β -catenin are associated with aberrant expression of AFP. Research studies have shown that elevated serum AFP levels are predictive of hepatocellular carcinoma.

Immunogen

Synthetic peptide. This information is proprietary to Biolyntx

Swiss Prot

P02771

Synonyms

AFPD; FETA; HPAFP

Reactivity

Human

Application

IHC

Recommended dilution

IHC: 1:100-1:200

Calculated MW

67 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

BP6244

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium

azide and 0.05% BSA. Stable for 12 months from date of receipt.