

## 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  $\beta$ -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  $\beta$ -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.