



## Cancer Antigen AFP Antigen (Human hepatocellular carcinoma)(VAng-Wyb8625)

### PRODUCT INFORMATION

#### Product Overview

Alpha Fetoprotein, Antigen Grade, Cancer antigen from human hepatocellular carcinoma, 2.93 mg/mL.

### SPECIFICATIONS

<b>Source</b>	Human hepatocellular carcinoma.
<b>Target</b>	Alpha-fetoprotein
<b>Type</b>	Tumor Antigens
<b>Applications</b>	Western Blot.
<b>Formulation</b>	0.1 M Tris, 0.2 M Sodium Chloride, pH 7.5 ± 0.2.
<b>Purity</b>	> 95% pure by SDS-PAGE.
<b>Storage</b>	Store at 2-8°C for short time, aliquot and store at -20°C for long term.

### ANTIGEN INFORMATION

#### Introduction

AFP is a protein that in humans is encoded by *AFP* gene. AFP is a major plasma protein produced by the yolk sac and the fetal liver during fetal development. It is thought to be the fetal analog of serum albumin. AFP binds to copper, nickel, fatty acids and bilirubin and is found in monomeric, dimeric and trimeric forms. AFP is the most abundant plasma protein found in the human fetus. Maternal plasma levels peak near the end of the first trimester, and begin decreasing prenatally at that time, then decrease rapidly after birth. Normal adult levels are usually achieved by the age of 8 to 12 months. The rodent AFP system can be overridden with massive injections of estrogen, which overwhelm the AFP system and will masculinize the fetus.

**Alternative Names**AFP; AFPD; FETA

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