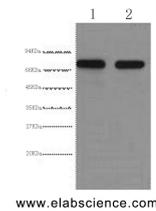


## AFP Monoclonal Antibody

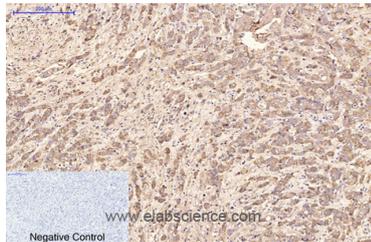
<b>Catalog No.</b>	E-AB-22033	<b>Reactivity</b>	H
<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.	<b>Host</b>	Mouse
<b>Applications</b>	WB,IHC-p,IF	<b>Isotype</b>	IgG

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

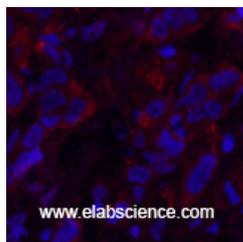
### Images



Western Blot analysis of HepG2 cells using AFP Monoclonal Antibody at dilution of 1:2000.



Immunohistochemistry of paraffin-embedded Human breast cancer tissue using AFP Monoclonal Antibody at dilution of 1:200.



Immunofluorescence analysis of Human breast cancer tissue using AFP Monoclonal Antibody at dilution of 1:200.

### Immunogen Information

<b>Immunogen</b>	Synthetic Peptide
<b>Swissprot</b>	P02771
<b>Synonyms</b>	AFP,HPAFP,Alpha-fetoprotein,Alpha-1-fetoprotein,Alpha-fetoglobulin

### Product Information

<b>Observed MW</b>	70kDa
<b>Buffer</b>	PBS with 0.02% sodium azide and 50% glycerol pH 7.4.
<b>Purify</b>	Protein A purification
<b>Clone No.</b>	Clone:2L6
<b>Dilution</b>	WB 1:500-1:3000, IHC 1:50-1:300, IF 1:100-1:300

### Background

This gene encodes alpha-fetoprotein, a major plasma protein produced by the yolk sac and the liver during fetal life. Alpha-fetoprotein expression in adults is often associated with hepatoma or teratoma. However, hereditary persistence of alpha-fetoprotein may also be found in individuals with no obvious pathology. The protein is thought to be the fetal counterpart of serum albumin, and the alpha-fetoprotein and albumin genes are present in tandem in the same transcriptional orientation on chromosome 4. Alpha-fetoprotein is found in monomeric as well as dimeric and trimeric forms, and binds copper, nickel, fatty acids and bilirubin. The level of alpha-fetoprotein in amniotic fluid is used to measure renal loss of protein to screen for spina bifida and anencephaly.

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Applications:WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.