

AFP Monoclonal Antibody

Catalog No.	IMB0201
Reactivity	Human
Applications	WB; ELISA
Gene Name	AFP
Protein Name	Alpha-fetoprotein
Human Gene Id	174
Swiss-Prot	P02771
Formulation	Antibody are purified by protein G affinity chromatography. Liquid in PBS containing 50% glycerol and 0.03% sodium azide.
Source	Monoclonal, Mouse
Dilution	WB: 1:500-1:2000 ELISA: 1:10000
Purification	Affinity purification
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
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. [provided by RefSeq, Jul 2008],
Subcellular Location.	Secreted.
BiowMW	-

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