

AFP Antibody HRP Conjugated

Catalog No: #C05365H

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Description

Product Name	AFP Antibody HRP Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	WB IHC-F ICC
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic peptide derived from human AFP
Conjugates	HRP
Target Name	AFP
Other Names	Alpha Fetoprotein; Alpha-fetoprotein; AFP; alpha 1 fetoprotein; Alpha-1-fetoprotein; Alpha-fetoglobulin; alpha fetoglobulin; alpha Fetoprotein; Alpha fetoprotein precursor; FETA; HPAFP; FETA_HUMAN.
Excitation Emission	N A
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

WB=1:500-2000 IHC-F=1:50-200 ICC=1:50-200

Background

Alpha 1 Fetoprotein is 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. Expression has been documented in human adrenal, liver, ovary, testis, and pancreas. ESTs have been isolated from normal human brain, liver spleen, embryo and uterus tissue libraries.

Note: This product is for in vitro research use only