

Anti-AFP antibody

Cat. No.	ml220050
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-AFP rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Fusion protein of human AFP
Reactivity	Human
Content	0.5 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	AFP
Full name	Alpha-fetoprotein

Synonyms FETA, HPAFP

Swissprot P02771

Target 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.

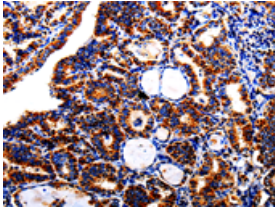
Applications

Immunohistochemistry

Predicted cell location: Cytoplasm

Positive control: Human thyroid cancer

Recommended dilution: 50-200

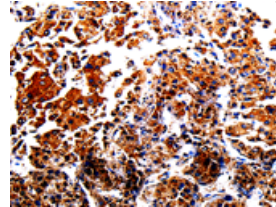


The image is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml220050(AFP Antibody) at dilution 1/40. (Original magnification: ×200)

Predicted cell location: Cytoplasm

Positive control: Human liver cancer

Recommended dilution: 50-200



The image is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml220050(AFP Antibody) at dilution 1/40. (Original magnification: ×200)

Western blotting

Predicted band size: 69 kDa

Positive control: HepG2 cells

Recommended dilution: 1000-5000

Gel: 8%SDS-PAGE

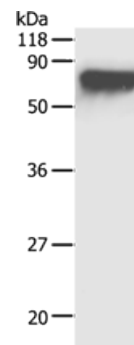
Lysate: 40 µg

Lane: HepG2 cells

Primary antibody: ml220050(AFP Antibody) at dilution 1/1000

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



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订购热线: 4008-898-798

ELISA

Recommended dilution: 500-10000

联系电话: 4008-898-798, 021-61725725

联系QQ: 2881505695, 2881505696

邮箱: mlbio_cn@yeah.net

网址: www.mlbio.cn