

Name: AFP mouse monoclonal antibody, clone UMAB66
Product Data Sheet - UltraMAB

Catalog: UM500056

Gene Name: Homo sapiens alpha-fetoprotein (AFP)
GeneBank accession: NM_001134
Isotype: IgG1

Reactivity: Human
Test application: WB
Clone Name: Clone UMAB66

Gene Synonym: FETA; HPAFP

Validation Data:

Guaranteed Applications: IHC, 10K-CHIP

Western Blot

Suggested Dilutions: IHC 1:100,

Immunogen: Full length human recombinant protein of human AFP (NP_001125) produced in HEK293T cell.

Components:

- AFP mouse monoclonal antibody, clone UMAB66 (UM500056)

Amount:

UM500056 100ul

Concentration: 0.5~1.0 mg/ml (Lot Dependent)

Storage Condition: Shipped at 4C. Upon delivery store at -20C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

Buffer: PBS (PH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.

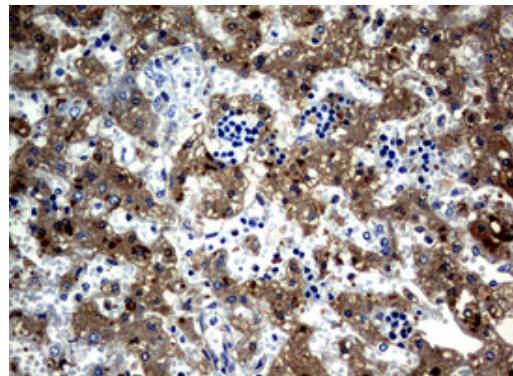
Purification:

Purified from mouse ascites fluids by affinity chromatography

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].

IHC data



Immunohistochemical staining of paraffin-embedded Human embryonic liver tissue using anti-AFP mouse monoclonal antibody. (UM500056)

Related Product:

TrueORF cDNA clones
VERIFY Tagged Antigen lysates
HuSH-29 shRNA
Western Blot reagents
Anti-myc/DDK tag antibodies

* Peptide sequence of the DDK-tag (Flag®): N-DYKDDDDK-C Flag® is a registered trademark of Sigma-Aldrich

* More validation images may be available on our website:

<http://www.origene.com/antibody/UM500056.aspx>

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.

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