

Datasheet

AFP monoclonal antibody, clone 057-11301

Catalog Number: MAB4002

Regulation Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against AFP.

Clone Name: 057-11301

Immunogen: Human AFP.

Host: Mouse

Reactivity: Human

Applications: S-ELISA

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: human Alpha Fetoprotein (AFP).

Form: Liquid

Isotype: IgG1, kappa

Recommend Usage: The optimal working dilution should be determined by the end user.

Storage Buffer: In 10 mM phosphate buffer, 150 mM NaCl, pH 7.4 (0.1% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 174

Gene Symbol: AFP

Gene Alias: FETA, HPAFP

Gene Summary: 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]