

AFP monoclonal antibody, clone 2/21G3

Catalog # MAB3668 Size 1 mg

Specification

Product Description	Mouse monoclonal antibody raised against recombinant AFP.
Immunogen	Recombinant protein corresponding to human AFP.
Host	Mouse
Reactivity	Human
Specificity	This antibody recognizes natural and recombinant human AFP.
Form	Liquid
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In BBS
Storage Instruction	Store at 4°C.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — AFP

Entrez GeneID	174
Gene Name	AFP
Gene Alias	FETA, HPAFP
Gene Description	alpha-fetoprotein
Omim ID	104150

Gene Ontology

[Hyperlink](#)

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]

Other Designations

OTTHUMP00000160480|alpha-1-fetoprotein|alpha-fetoglobulin

Disease

- [Carcinoma](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)