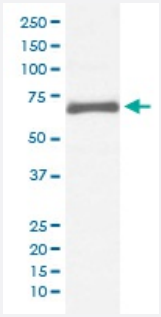
AFP monoclonal antibody, clone AAOO-1

Catalog # MAB19532 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with AFP monoclonal antibody.

Specification

Product Description	Rabbit monoclonal antibody raised against synthetic peptide of human AFP.
Immunogen	A synthetic peptide corresponding to human AFP.
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Immunohistochemistry (1:50-1:200) Immunoprecipitation (1:50) Flow Cytometry (1:50) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

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Storage Instruction	Store at -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and st ored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunofluorescence
- Immunocytochemistry
- Flow Cytometry
- Immunoprecipitation
- Western Blot (Cell lysate)

  Western blot analysis of HepG2 cell lysate with AFP monoclonal antibody.

Gene Info — AFP

Entrez GeneID	174
Protein Accession#	P02771
Gene Name	AFP
Gene Alias	FETA, HPAFP
Gene Description	alpha-fetoprotein
Omim ID	104150
Gene Ontology	Hyperlink

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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 persistance 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

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