Mouse anti-Human AFP alpha 1 Fetoprotein Monoclonal Antibody | anti-AF antibody

AFP alpha 1 Fetoprotein Monoclonal Antibody (17C5)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320428	**Mouse**	**Human**	**Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

AFP alpha 1 Fetoprotein; Monoclonal Antibody; AFP alpha 1 Fetoprotein Monoclonal Antibody (17C5); Alpha-fetoprotein; AFP; HPAFP; Alpha-1-fetoprotein; Alpha-fetoglobulin; anti-AF antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Clone Number	17C5
Specificity	The antibody detects endogenous AFP proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-AF antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide of AFP alpha 1 Fetoprotein
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES

IHC (Immunohistochemisry)
Immunohistochemical analysis of paraffin-embedded Human gallbladder. 1. Antibody was diluted at 1:100(4 degree overnight). 2. High-pressure and temperature EDTA. pH8.0 was used for antigen retrieval. 3.Secondary antibody was diluted at 1:200(room temperature. 30min).

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WB (Western Blot)
Western blot analysis of HepG2. diluted at 1:2.000.

ADDITIONAL INFORMATION

Related Product Information for anti-AF antibody	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, Jul 2008]
Product Categories/Family for anti-AF antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501989
NCBI GeneID	174
NCBI Accession #	NP_001125.1
NCBI GenBank Nucleotide #	NM_001134.1
UniProt Accession #	P02771; B2RBU3
Molecular Weight	68,678 Da
NCBI Official Full Name	alpha-fetoprotein
NCBI Official Synonym Full Names	alpha-fetoprotein
NCBI Official Symbol	AFP
NCBI Official Synonym Symbols	FETA; HPAFP
NCBI Protein Information	alpha-fetoprotein; alpha-fetoglobulin; alpha-1-fetoprotein
UniProt Protein Name	Alpha-fetoprotein
UniProt Gene Name	**AFP**
UniProt Synonym Gene Names	HPAFP
UniProt Entry Name	FETA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/monoclonal/afp-alpha-1-fetoprotein-antibody-clone-17c5-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/320428