

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

AFP alpha 1 Fetoprotein Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314727	Mouse	Human	Immunofluorescence, Immunohistochemistry, Western Blot

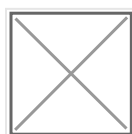
PRODUCT SYNONYMS

AFP alpha 1 Fetoprotein; Monoclonal Antibody; AFP alpha 1 Fetoprotein Monoclonal Antibody; AFP; HPAFP; Alpha-fetoprotein; Alpha-1-fetoprotein; Alpha-fetoglobulin; anti-AFP alpha 1 antibody

PRODUCT SPECIFICATIONS

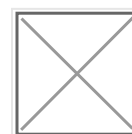
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Specificity	The antibody detects endogenous AFP proteins.
Form/Format	PBS, pH 7.4, containing 0.5%BSA, 0.02% sodium azide as Preservative and 50% Glycerol.
Applicable Applications for anti-AFP alpha 1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide of AFP alpha 1 Fetoprotein
Preparation and Storage	Store at -20°C 1 year

IMAGES



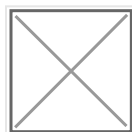
IF (Immunofluorescence)

Immunofluorescence analysis of Human-breast-cancer tissue. 1,AFP alpha 1 Fetoprotein Monoclonal Antibody(17C5)(red) was diluted at 1:200(4°C,overnight). 2, Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3, Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



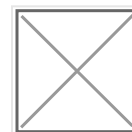
IHC (Immunohistochemisry)

Immunohistochemical analysis of paraffin-embedded Human-breast-cancer tissue.1, AFP alpha 1 Fetoprotein Monoclonal Antibody(17C5) was diluted at 1:200(4°C,overnight).2, Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min).3,Secondary antibody was diluted at 1:200(room tempeRature, 30min). Negative control was used by secondary antibody only.



IHC (Immunohiostchemistry)

Immunohistochemical analysis of paraffin-embedded Human gallbladder.1, Antibody was diluted at 1:100(4° 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).



WB (Western Blot)

Western blot analysis of HepG2, diluted at 1:2,000.

ADDITIONAL INFORMATION

Related Product Information for anti-AFP alpha 1 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 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]
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NCBI AND UNIPROT INFORMATION

NCBI GeneID	11576
UniProt Accession #	P02772
Molecular Weight	70kD

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-immunofluorescence-immunohistochemistry-western-blot-elisa/314727>