

Mouse Alpha-Fetoprotein (AFP) Monoclonal Antibody | anti-AFP antibody

Monoclonal Antibody to Alpha-Fetoprotein (AFP)

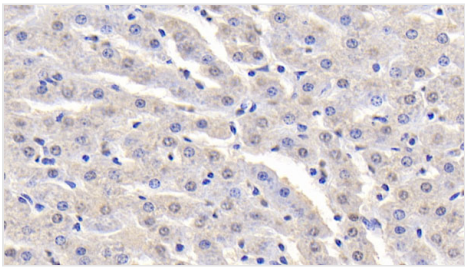
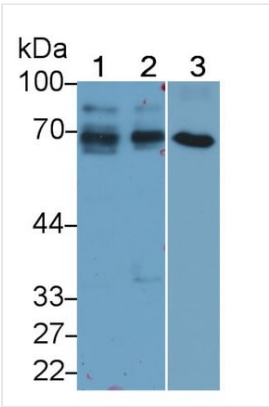
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152671	Mouse	Human, Bovine	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Alpha-Fetoprotein (AFP); Monoclonal Antibody; Monoclonal Antibody to Alpha-Fetoprotein (AFP); Alpha-Fetoprotein; aFP; A-FP; FETA; HPAFP; Alpha-Fetogloulin; Alpha-1-fetoprotein; anti-AFP antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Bovine
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	C8
Specificity	The antibody is a mouse monoclonal antibody raised against AFP. It has been selected for its ability to recognize AFP in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid. PBS, pH7.4, containing 0.02% NaN ₃ , 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Asn14~Thr210
Applicable Applications for anti-AFP antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Alpha-Fetoprotein (AFP)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: Bovine Liver Tissue; Primary Ab: 20ug/ml Mouse Anti-Bovine aFP Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

WB (Western Blot)
Western Blot; Sample: Lane1: Bovine Serum; Lane2: Bovine Cerebrum lysate; Lane3: HepG2 cell lysate Primary Ab: 2 ug/ml Mouse Anti-Bovine aFP Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-AFP antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Tumor immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	77735479
NCBI GeneID	506011
NCBI Accession #	NP_001029434.1
NCBI GenBank Nucleotide #	NM_001034262.2
UniProt Accession #	Q3SZ57
Molecular Weight	68,588 Da
NCBI Official Full Name	alpha-fetoprotein
NCBI Official Synonym Full Names	alpha fetoprotein
NCBI Official Symbol	AFP
NCBI Protein Information	alpha-fetoprotein
UniProt Protein Name	Alpha-fetoprotein
UniProt Gene Name	AFP

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/alpha-fetoprotein-afp-antibody-clone-c8-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152671>