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

Anti-alpha-Fetoprotein Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128408	**Mouse**	**Human**	**immunoassay, Radioimmunoassay, ELISA, Immunohistochemistry**

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	AFP-11
Specificity	The mouse monoclonal antibody AFP-11 reacts with human alpha-Fetoprotein (AFP), a 70 kDa oncofetal antigen. AFP is a major fetal plasma protein, but is not present in healthy adult tissues. Elevated AFP concentrations in adult plasma may be an early marker of hepatocellular carcinoma or teratoblastoma, while high concentrations in amniotic fluid may indicate severe congenital defects of a fetus.
Purity/Purification	Purified by Precipitation and Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	609
Applicable Applications for anti-AFP antibody	RIA (Radioimmunoassay), ELISA, IHC (Immunohistochemistry)
Immunogen	purified alpha-Fetoprotein
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-AFP antibody	Alpha-fetoprotein is present in fetal plasma, and it binds e.g. copper, nickel, and bilirubin. Measuring of alpha-fetoprotein level in amniotic fluid can reveal severe fetal defects. In adults, elevated AFP concentrations in the plasma can indicate hepatocellular carcinoma or teratoblastoma. In some individuals, hereditary persistance of alpha-fetoprotein can be observed without any obvious pathology.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4501989
NCBI GeneID	174
NCBI Accession #	NP_001125.1
NCBI GenBank Nucleotide #	NP_001125.1

UniProt Accession #	P02771
NCBI Official Full Name	alpha-fetoprotein isoform 1
NCBI Official Synonym Full Names	alpha fetoprotein
NCBI Official Symbol	AFP
NCBI Official Synonym Symbols	AFPD; FETA; HPAFP
NCBI Protein Information	alpha-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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/alpha-fetoprotein-antibody-clone-afp-11-radioimmunoassay-immunohistochemistry-elisa/128408