



Anti-AFP monoclonal antibody, clone 2F9 (CABT-ZC1070)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Mouse Monoclonal Antibody to Human AFP molecule
Antigen Description	AFP 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.
Target	AFP
Immunogen	Full length human recombinant protein of human AFP produced in HEK293T cell.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	2F9
Conjugate	Unconjugated
Applications	ELISA
Buffer	Stored in PBS (pH 7.4) with 0.05% sodium azide, 10mg/ml BSA, 50% glycerol.
Preservative	0.05% Sodium Azide

Storage

Shipped at 4 °C. Upon delivery store at -20 °C. Dilute in PBS (pH7.3) before use. Stable for 12 months from date of receipt. Avoid repeated freeze-thaws.

GENE INFORMATION

Entrez Gene ID [174](#)

UniProt ID [P02771](#)
