
Product Name: alpha 1 Fetoprotein Rabbit Monoclonal Antibody**Catalog #: AMRe87175**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,FC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:2000-1:20000,IHC 1:100-1:200,ICC/IF 1:100-1:200,FC 1:10-1:100,IP 1:10-1:100
Molecular Weight	Calculated MW:69 kDa; Observed MW:70 kDa

Antigen Information

Gene Name	alpha 1 Fetoprotein
Alternative Names	AFPD; FETA; HPAFP
Gene ID	174
SwissProt ID	P02771
Immunogen	Recombinant protein of human alpha 1 Fetoprotein

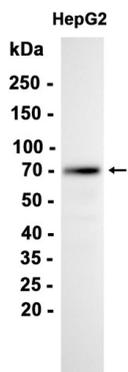
Background

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 hepatocarcinoma and with teratoma, and has prognostic value for

managing advanced gastric cancer. 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, Oct 2019]

Research Area

Image Data



Western blot analysis of extracts from HepG2 cells using alpha 1 Fetoprotein Rabbit Monoclonal Antibody at 1:5000.