

Mouse Anti-AFP antibody

SLM-43140M

Product Name	AFP
Chinese Name	甲胎蛋白单克隆抗体
Alias	Alpha Fetoprotein; Alpha-fetoprotein; alpha 1 fetoprotein; Alpha-1-fetoprotein; Alpha-fetoglobulin; alpha fetoglobulin; alpha Fetoprotein; Alpha fetoprotein precursor; FETA; HPAFP; FETA_HUMAN.
Research Area	Tumour
Immunogen Species	Mouse
Clonality	Monoclonal
React Species	Human, WB=1:500-2000
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Theoretical molecular weight	65kDa
Cellular localization	Secretory protein
Form	Liquid
immunogen	Recombinant human AFP protein
Lsotype	IgG
Purification	affinity purified by Protein A
Buffer Solution	PBS(pH7.4)
Storage	Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.
Attention	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
PubMed	PubMed
Product Detail	Alpha 1 Fetoprotein is 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. Expression has been documented in human adrenal, liver, ovary, testis, and pancreas. ESTs have been isolated from normal human brain, liver/spleen, embryo and uterus tissue libraries.

SWISS:

P02771

Gene ID:

174

Database links:

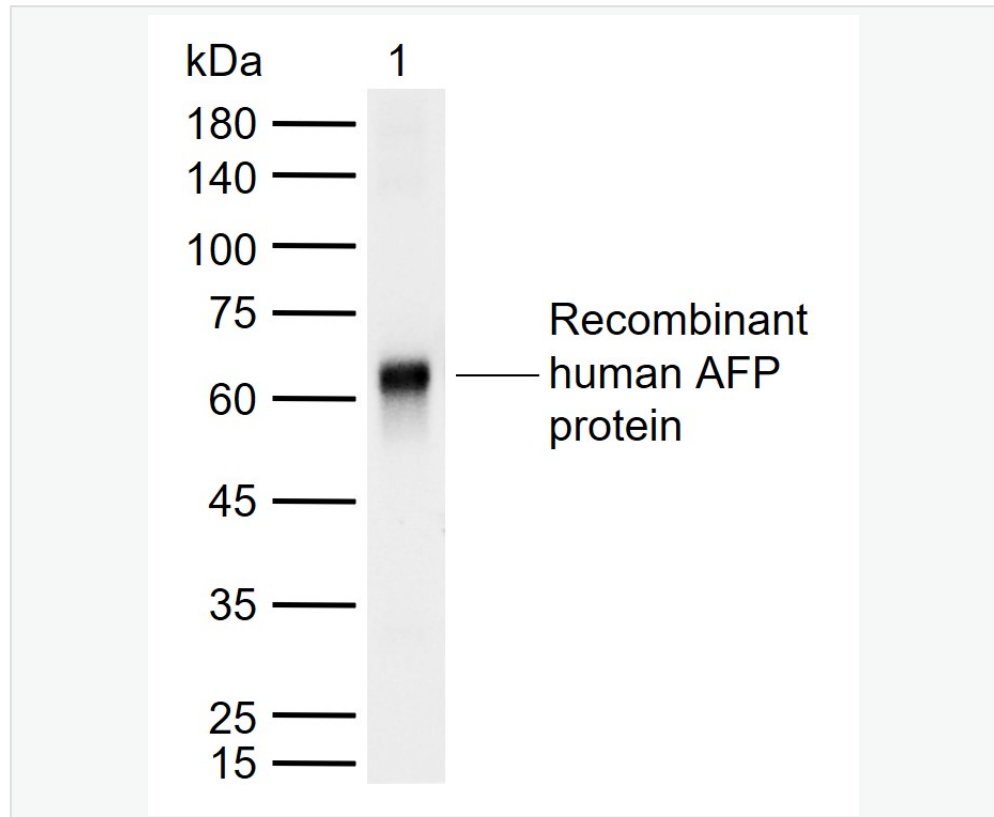
[Entrez Gene: 174](#) Human

[Omim: 104150](#) Human

[SwissProt: P02771](#) Human

[Unigene: 518808](#) Human

Product Picture



Sample:

Lane 1: Recombinant human AFP protein, C-His (HEK293)(SL43140P)

Primary: Anti-AFP (SLM-43140M) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Mouse IgG at 1/20000 dilution

Predicted band size: 65 kDa

Observed band size: 65 kDa