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10-6532: Mouse Monoclonal Antibody to AFP (N-term)(Clone: 143CT50.11.8)(Discontinued)

Clonality :	Monoclonal
Clone Name :	143CT50.11.8
Application :	WB
Reactivity :	Human
Gene :	AFP
Gene ID :	174
Uniprot ID :	P02771
Format :	Purified
Alternative Name :	Alpha-fetoprotein, Alpha-1-fetoprotein, Alpha-fetoglobulin, AFP, HPAFP
Isotype :	Mouse IgM
Immunogen Information :	Synthetic Peptide

Description

alpha 1 Fetoprotein 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 persistance 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.

Product Info

Amount :	80 µl / 400 µl
Purification :	Protein G Chromatography
Content :	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage condition :	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term store at -20°C in small aliquots to prevent freeze-thaw cycles.

Application Note

WB~1:100~1000

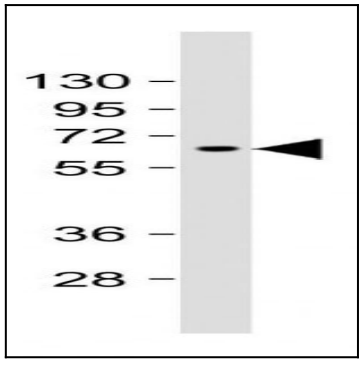


Figure 1: Anti- AFP antibody (10-6532) at 1:1000 dilution + HepG2 whole cell lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 69 kDa.

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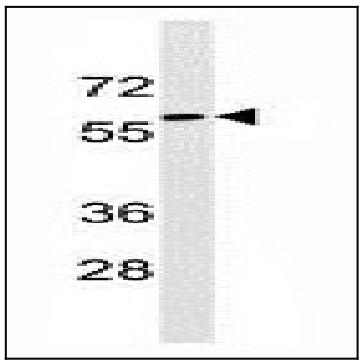


Figure 2: Western blot analysis of alpha 1 Fetoprotein Monoclonal Antibody (10-6532) in MCF-7 cell line lysates (35Î¼g/lane). This demonstrates the alpha 1 Fetoprotein antibody detected the alpha 1 Fetoprotein protein (arrow).(16Î¼g/ml)

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