



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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SPECIFICATION SHEET

Important Note:	Centrifuge before opening to ensure complete recovery of vial contents.						
Catalog #:	MAM01-210	Lot #:	H0873				
Description:	MAb to Alpha Fetoprotein (AFP) Monoclonal Antibody to Human Alpha Fetoprotein (AFP)						
Specificity:	Human Alpha Fetoprotein						
Clone:	131-12210 (also know as TB-4B2-10)						
Host Animal:	Mouse	Isotype:	IgG _{2b} , kappa				
Source:	Ascites						
Immunogen:	AFP prepared from human placenta						
Format:	Purified, Liquid						
Purification:	Protein A chromatography Product is 0.2µm filtered.						
Concentration:	5mg/ml (OD280nm, E ^{0.1%} = 1.4)						
Affinity Constant:	Not determined						
Buffer:	10mM Phosphate, pH 7.2 containing 150mM Sodium chloride						
Preservative:	0.1% Sodium azide						
Applications:	Suitable for use in Immunohistochemistry and ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended pair for sandwich immunoassay: <table><tr><td><u>Capture</u></td><td><u>Detection</u></td></tr><tr><td>131-12210</td><td>057-11301</td></tr></table>			<u>Capture</u>	<u>Detection</u>	131-12210	057-11301
<u>Capture</u>	<u>Detection</u>						
131-12210	057-11301						
Storage:	Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.						
Warning:	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.						
References:	The reference listed below is for research purposes only. Xu, P., et al., (2010), “c-Jun NH ₂ -terminal kinase is required for lineage-specific differentiation but not stem cell self-renewal”, <u>Molecular and Cellular Biology</u> , 30 (6): 1329-1340						

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.

