



# 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  
(Previous OEM Concepts Catalog #M2-M01)

**Description:** MAb to 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<sub>2b</sub>, 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<sup>0.1%</sup> = 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:

<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 <-40°C. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used. Avoid repeated 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.

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