



# 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 #:** H45610M **Lot #:** 6E13310

**Description:** MAb to Human Alpha Fetoprotein  
Monoclonal Antibody to Human Alpha Fetoprotein (AFP)

**Specificity:** No cross-reactivity with Human Albumin, CEA, Ferritin, hCG, PSA.

**Clone:** 1305

**Host Animal:** Mouse. Hybridization of P3X63-Ag8.653 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG<sub>1</sub>

**Source:** Ascites

**Immunogen:** Purified AFP from Cord Blood

**Format:** Purified, Liquid

**Purification:** Prosep A purified

**Concentration:** 3.11mg/ml (OD280nm, E<sup>1%</sup> = 14)

**Affinity Constant:** 5 x 10<sup>9</sup>

**Buffer:** PBS, pH 7.4 ± 0.1

**Preservative:** 0.09% Sodium azide

**Applications:** For enzyme conjugation, radio labeling or solid phase immobilization. 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 immunoassay:

<u>Capture</u>	<u>Detection</u>
H45610M	H45301M

**Storage:** Short-term (up to 6 months) 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.

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