



Meridian

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Innovative Solutions. Trusted Partner.®

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SPECIFICATION SHEET

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: MAM01-301 **Lot #:** H0680

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

Specificity: Human Alpha Fetoprotein (AFP)

Clone: 057-11301

Host Animal: Mouse **Isotype:** IgG₁, kappa

Source: Ascites

Immunogen: Human AFP

Format: Purified, Liquid

Purification: >90% pure (SDS-PAGE). Protein A chromatography

Concentration: 4.9mg/ml (OD280nm, E^{0.1%} = 1.4)

Affinity Constant: Not determined

Buffer: 10mM Phosphate, pH 7.4 containing 150mM Sodium chloride

Preservative: 0.1% Sodium azide

Applications: Suitable for use in 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 |
| 057-11301 | K92270G |

Storage: Short-term (up to 7 days) store at 2-8°C. Long term, aliquot and store at <-20°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.