



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 #: M86304M **Lot #:** 7J29909

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

Specificity: Human alpha-fetoprotein. Does not react with human albumin.

Clone: 4A3

Host Animal: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from Balb/c mice. **Isotype:** IgG_{2a}

Source: Ascites

Immunogen: Purified human alpha-fetoprotein

Format: Purified, Liquid

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

Concentration: 3.7mg/ml (OD280nm, E^{0.1%} = 1.4)

Affinity Constant: Not determined

Buffer: PBS, pH 7.4

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>
M86304M	M86641M

Storage: Store at 2-8°C.

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.