

CERTIFICATE OF ANALYSIS

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

Catalog #: H45301M **Lot #:** 6L35417

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

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

Host Animal: Mouse **Isotype:** IgG₁

Source: Ascites

Immunogen: Purified AFP from Cord Blood.

Format: Purified, Liquid

Purification: Protein A Column Chromatography

Concentration: 3.02 mg/mL (OD280nm, E^{1%} = 14)

Buffer: Phosphate Buffered Saline, pH 7.4

Preservative: 0.1% 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.

Safety Note(s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Brenda Dunn

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FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY