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**Monoclonal Anti- AFP (Detection Ab)****Catalog#** BDA1025**Lot #** Check on the product label**Size** 1 mg**Isotype** IgG1**Clone #** C3**Host** Mouse**Reactivity**

Human

**Product Form** Liquid**Purification & Buffer**

Protein A or G purified and supplied in 0.9% NaCl without preservative.

**Purity** >95% by HPLC & SDS-PAGE**Immunogen** Recombinant Alpha fetal protein (AFP) protein.**Recommend Application**

ELISA

Chemiluminescent immunoassay, CLIA

Other applications have not been tested.

The optimal dilutions should be determined by end user.

**Matched antibody pair**

Capture Ab: AFP mAb (clone # A1)

Detection Ab: AFP mAb (clone # C3)

**Storage Instruction**

Aliquot and store at -20°C for long term (at least one year).

Avoid repeated freeze and thaw cycles.

**Background**

Alpha-fetoprotein (AFP,  $\alpha$ -fetoprotein; also sometimes called alpha-1-fetoprotein, alpha-fetoglobulin, or alpha fetal protein) is a protein that in humans is encoded by the AFP gene. The AFP gene is located on the

q arm of chromosome 4 (4q25). Biological response evaluation by the measurement of serial AFP levels is a useful predictor of overall survival and intrahepatic remote recurrence after RFA. Therefore, an initial AFP response may aid in determining the need of closer follow-up as a therapeutic response indicator of RFA.

**Reference**

1. Yu SJ, Kwon JH, Kim W, Yoon JH, Lee JM, Lee JY, Cho EJ, Lee JH, Kim HY, Jung YJ, Kim YJ. Initial Alpha-Fetoprotein Response Predicts Prognosis in Hepatitis B-related Solitary HCC Patients After Radiofrequency Ablation. J Clin Gastroenterol. 2017 Aug 8.

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