



## **ANOGEN - A Division of YES Biotech Laboratories Ltd.**

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### **Mouse anti-Human Alpha Fetoprotein Monoclonal Antibody [AFP-Y2] Datasheet**

|                       |  |
|-----------------------|--|
| <b>Catalogue No</b>   | MO-T40007A   |
| <b>Product name</b>   | Mouse anti-human alpha fetoprotein (AFP) monoclonal antibody [AFP-Y2]  |
| <b>Clone No</b>       | AFP-Y2   |
| <b>Product type</b>   | Primary antibody   |
| <b>Description</b>    | Mouse monoclonal antibody to human AFP, Protein G affinity purified  |
| <b>Target protein</b> | Human AFP  |
| <b>Immunogen</b>      | Human AFP, which was isolated from amniotic fluid and purified by affinity chromatography.   |
| <b>Specificity</b>    | No detectable cross-reaction with human normal serum proteins.   |
| <b>Reactivity</b>     | Human, others not tested.  |
| <b>Clonality</b>      | Monoclonal   |
| <b>Source</b>         | Mouse  |
| <b>Subclass</b>       | IgG1   |
| <b>Light Chain</b>    | Kappa  |
| <b>Formulation</b>    | Lyophilized from a solution in 0.01M PBS, pH7.0  |
| <b>Reconstitution</b> | Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml  |
| <b>Applications</b>   | <ol style="list-style-type: none"><li>1. Radioimmunoassay.</li><li>2. ELISA. Use as detection antibody with matched AFP capture antibody clone AFP-Y1 (MO-T40007B).</li><li>3. Purification of natural human AFP.</li><li>4. Immuno-precipitation.</li><li>5. Western blot</li></ol> |
| <b>Storage</b>        | Store at -20 <sup>0</sup> C. After reconstitution, aliquot and store at -20 <sup>0</sup> C.  |
| <b>References</b>     | If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide any product of choice as gratitude.  |

**This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administrated to human and animals for use in diagnostic and therapeutic procedures.**

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