

# Specification Sheet

## Monoclonal Antibody Against Human AFP (determinant a)

|                              |                                                                                                                                                                                                                             |
|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Code</b>                  | 2AHCMA1                                                                                                                                                                                                                     |
| <b>Clone No.</b>             | Hyb- 2051                                                                                                                                                                                                                   |
| <b>Manufacturing Process</b> | Hybridoma obtained by fusing mouse myeloma cells (NS-1) with BALB/c mouse spleen cells immunized with purified human alpha fetoprotein (AFP) is proliferated in the BALB/c mouse abdominal cavity and ascites is collected. |
| <b>Specificity</b>           | This monoclonal antibody specifically reacts with human AFP (determinant a).                                                                                                                                                |
| <b>Purification</b>          | Ammonium sulfate precipitation.                                                                                                                                                                                             |
| <b>Ig Class</b>              | IgG <sub>1</sub>                                                                                                                                                                                                            |
| <b>Form</b>                  | Saline (containing 0.1% NaN <sub>3</sub> )                                                                                                                                                                                  |
| <b>Protein Concentration</b> | 0.5 mg/mL                                                                                                                                                                                                                   |
| <b>Package</b>               | 0.2 mL                                                                                                                                                                                                                      |
| <b>Storage</b>               | 2-8°C (Below -20°C for long term storage)                                                                                                                                                                                   |
| <b>Application</b>           | ELISA                                                                                                                                                                                                                       |
| <b>Reference</b>             | 1) Nomura M, et al: Mol Immunol <b>19</b> : 1691-1697, 1982.<br>2) Nomura M, et al: J Immunol Methods <b>58</b> : 293-300, 1983.<br>3) Nomura M, et al: J Immunol Methods <b>56</b> : 13-17, 1983.                          |



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This product is for *in vitro* research use only and is not intended for use humans or animals.

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