

# Specification Sheet

## Monoclonal Antibody Against HBsAg (determinant a)

<b>Code</b>	2AHB16
<b>Clone No.</b>	Hyb-5124A
<b>Source</b>	Ascites obtained by inoculating BALB/c mice with hybridoma produced by fusing spleen cells from BALB/c mice immunized with purified HBs antigen and mouse myeloma cells (NS-1)
<b>Specificity</b>	This monoclonal antibody specifically reacts with HBs antigen (common antigenic determinant a). This monoclonal antibody reacts with all subtypes (adr, adw, ayr and ayw).
<b>Purification</b>	Ammonium sulfate precipitation
<b>Ig Class</b>	IgM
<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>	Below -20°C. Avoid repeated freeze/thaw cycles.
<b>Application</b>	ELISA <sup>1)</sup> , Immunostaining, Western blotting <sup>5)</sup>

- Reference**
- 1) Tachibana K, et al: *Viral Immunol* **2**: 25-29, 1989.
  - 2) Ohnuma H, et al: *J Immunol* **145**: 2265-2271, 1990.
  - 3) Luengrojanakul P, et al: *Jpn Exp Med* **60**: 253-261, 1990.
  - 4) Okamoto H, et al: *Pediatric Res* **32**: 264-268, 1992.
  - 5) Chua PK, et al: *J Virol* **79**: 13483-13496, 2005.



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