

# Specification Sheet

## Monoclonal Antibody Against HBsAg (determinant a)

<b>Code</b>	2AHB11
<b>Clone No.</b>	Hyb-824
<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>	IgG <sub>3</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>	Below -20°C. Avoid repeated freeze/thaw cycles.
<b>Application</b>	ELISA <sup>3)</sup> , Immunostaining

- Reference**
- 1) Ohnuma H, et al: Clin Exp Immunol **67**: 709-715, 1986.
  - 2) Takahashi K, et al: J Immunol **136**: 3467-3472, 1986.
  - 3) Usuda S, et al: J Immunol Methods **87**: 203-210, 1986.
  - 4) Machida A, et al: Mol Immunol **24**: 523-529, 1987.
  - 5) Okamoto H, et al: Mol Immunol **26**: 197-205, 1989.
  - 6) Luengrojanakul P, et al: Jpn Exp Med **60**: 253-261, 1990.
  - 7) Okamoto H, et al: Pediatric Res **32**: 264-268, 1992.



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