

Specification Sheet

Monoclonal Antibody Against HBsAg (determinant a)

Code 2AHB11

Clone No. Hyb- 824

Manufacturing Process Hybridoma obtained by fusing mouse myeloma cells (NS-1) with BALB/c mouse spleen cells immunized with purified HBs antigen is proliferated in the BALB/c mouse abdominal cavity and ascites is collected.

Specificity This monoclonal antibody specifically reacts with HBs antigen (common antigenic determinant a).
This monoclonal antibody reacts with all subtypes (adr, adw, ayr, ayw).

Purification Ammonium sulfate precipitation.

Ig Class IgG₃

Form Saline (containing 0.1% NaN₃)

Protein Concentration 0.5 mg/mL

Package 0.2 mL

Storage 2-8 (Below -20 for long term storage)

Application ELISA³⁾, IHC

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

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