

# Specification Sheet

## Monoclonal Antibody Against HBsAg (determinant a)

<b>Code</b>	2AHB16
<b>Clone No.</b>	Hyb- 5124A
<b>Manufacturing Process</b>	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.
<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, 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>	2-8 (Below -20 for long term storage)
<b>Application</b>	ELISA <sup>1)</sup> , IHC, Western blotting <sup>5)</sup>
<b>Reference</b>	1) Tachibana K, et al: <i>Viral Immunol</i> <b>2</b> : 25-29, 1989. 2) Ohnuma H, et al: <i>J Immunol</i> <b>145</b> : 2265-2271, 1990. 3) Luengrojjanakul P, et al: <i>Jpn Exp Med</i> <b>60</b> : 253-261, 1990. 4) Okamoto H, et al: <i>Pediatric Res</i> <b>32</b> : 264-268, 1992. 5) Chua PK, et al: <i>J Virol</i> <b>79</b> : 13483-13496, 2005.



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2AHB161210-04

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

2012.12.14