



MONOCLONAL ANTIBODY

For research use only. Not for clinical diagnosis.

Catalog No. 2ZHB16

Anti HBs (Antigenic determinant a)

Product type	Primary antibodies
Host	Mouse
Source	Ascites
Form	Hybridoma cell line (Hyb-5124A) was grown in ascitic fluid BALB/c Mouse Liquid Ammonium sulfate precipitation Physiological salt solution containing 0.1% Sodium Azide
Volume	0.5 mL
Concentration	0.5 mg/mL
Specificity	This antibody specifically reacts with HBs antigen (common antigenic determinant a) The antibody reacts with all subtypes (adr, adw, ayr, ayw)
Antigen	Purified HBs antigen
Clone	Hyb-5124A The splenic lymphocytes from BALB/c mouse immunized with purified HBs antigen were fused to mouse myeloma NS-1 cells and the hybrid cells (Hyb-5124A) were screened.
Isotype	IgM

Application notes WB, IHC, ELISA
Recommended use

Recommended dilutions

Optimal dilutions/concentrations should be determined by the end user.

Staining Pattern

Cross reactivity

Storage Maintain at 2-8 °C (-20 °C for long term storage) in undiluted aliquots.
Avoid repeated freeze/thaw cycles.

References

- 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 Research* 32: 264-268, 1992.
- 5) Chua PK, et al: *J. Virol.* 79(21): 13483-13496, 2005.



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Inspiration for Life Science

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抗 HBs (抗原決定基 a)

Product type	一次抗体
Host	マウス
Source	BALB/c マウス腹水 ハイブリドーマ (Hyb-5124A) を BALB/c マウスに接種して得られた腹水
Form	硫酸アンモニウム塩析精製 0.1%アジ化ナトリウムを含む生理的食塩水溶液
Volume	0.5 mL
Concentration	0.5 mg/mL
Specificity	HBs 抗原 (共通抗原決定基 a) に特異的に反応 サブタイプ adr, adw, ayr, ayw 全てに反応
Antigen	精製 HBs 抗原
Clone	Hyb-5124A 精製 HBs 抗原を免疫した BALB/c マウスの脾臓細胞とマウスミエローマ細胞(NS-1)を融合して得たハイブリドーマを BALB/c マウスに接種して得られた腹水
Isotype	IgM

Application notes WB, IHC, ELISA
Recommended use

Recommended dilutions

Optimal dilutions/concentrations should be determined by the end user.

Staining Pattern

Cross reactivity

Storage 2~8°C 3ヶ月間
-20°C 3年間
(凍結融解の繰り返しは避けてください)

References

- 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 Research 32: 264-268, 1992.
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