



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti-Hepatitis B Surface Antigen (HBsAg)

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01468

Target Species
Viral

Isotype
IgG2b

Preparation

Immunogen: Hepatitis B surface antigen

Specificity

Hepatitis B virus is a major causative agent of acute and chronic liver disease in humans. Hepatitis B surface antigen (HBsAg) is a protein component of the viral envelope, which is expressed predominantly in the cytoplasm of infected hepatocytes.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid, ready to use

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN₃), 1% Bovine Serum Albumin

Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Flow Cytometry			•	
Immunohistology - Frozen	•			Neat
Immunohistology – Paraffin (1)	•			Neat
Immunohistology - Resin			•	

Note: Other applications are not tested yet. Optimal dilutions should be determined.

(1) Histology Positive Control: Tissue Hepatitis B infected liver. This product does not require protein digestion pre-treatment of paraffin sections. This product does not require antigen retrieval using heat treatment prior to staining of paraffin sections.

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
	•			1:5,000-1:10,000

Storage

Store at +4°C.

DO NOT FREEZE.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 18 months from date of dispatch.

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