



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Hepatitis B Surface Antigen

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01469

Target Species
Viral

Isotype
IgG2b

Preparation

Immunogen: Hepatitis B surface antigen

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG – liquid

Buffer: Phosphate buffered saline

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

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.

Immunohistochemistry: 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.

Histology Positive Control: Hepatitis B infected liver

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 shipment

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



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA			•	
Western Blotting			•	
IHC – Paraffin (1)	•			1/10 - 1/40
IHC - Frozen	•			1/10 - 1/40
Flow Cytometry			•	
Functional Assays			•	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.
(1) See Immunohistochemistry in Specificity section

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

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