



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Hepatitis B Surface Antigen AD & AY

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01472

Target Species
Viral

Isotype
IgG1

Preparation

Immunogen: ad and ay subtypes of plasma HBsAg

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG – liquid

Buffer: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide

Concentration: IgG concentration 1.0 mg/ml

Specificity

DS-MB-01472 is specific for a common epitope on both the ad and ay subtypes of plasma HBsAg.

Affinity: 1.4×10^{-9} M (ad), 2.0×10^{-9} M (ay)

Storage

Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended.

This product should be stored undiluted.

Avoid repeated freezing and thawing as this may denature the antibody.

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			•	
IHC - Frozen			•	
Flow Cytometry			•	
Functional Assays			•	

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

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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