



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Mouse Anti Hepatitis C NS-5 Antigen

With HRP-conjugated Secondary Antibody

Catalog No.
DS-MB-01487

Target Species
Viral

Isotype
IgG1

Preparation

Immunogen: Recombinant peptide originating from a Japanese isolate HCVJA, amino acids 2241-2497. This region partially codes for NS5b and for NS5a.

Purification: Purified IgG prepared by affinity chromatography on Protein G

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG – liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Approx. Protein Concentration: 1.0mg/ml

Specificity

DS-MB-01487 reacts with Hepatitis C NS-5 antigen. It is not known whether it is specific for NS-5a or b.

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	•			
Functional Assays			•	
Immunohistochemistry			•	
Immunoprecipitation			•	
Immunofluorescence			•	

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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