



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

Certificate of Analysis and Data Sheet

Mouse Anti Hepatitis C

With HRP-conjugated Secondary Antibody

Catalog No.

DS-MB-01474

Target Species

Viral

Isotype

IgG1

Preparation

Immunogen: Synthetic peptide cocktail relating to the non-structural genes in human Hepatitis C virus.

Purification: Affinity purified on FFQ sepharose.

Fusion Partners: Obtained by fusion of splenocytes from immunized Balb/c mice with cells of the SP2/0 mouse myeloma.

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG – liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3), 1% Bovine Serum Albumin, 60% Glycerol

Approx. Protein Concentration: 0.5 mg/ml

Specificity

DS-MB-01474 recognizes a cytoplasmic antigen of human Hepatitis C virus. The antibody does not appear to cross react with either Hepatitis A or Hepatitis B virus as shown by immunohistochemistry. In Western Blotting DS-MB-01474 is specific for the HCV NS4 protein.

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.**



RayBiotech, Inc.

3607 Parkway Lane suite 200
Norcross, GA 30092
Tel: 770-729-2992, 1-888-494-8555
Fax: 770-206-2393
Website: www.raybiotech.com
Email: info@raybiotech.com

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

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