



## RayBiotech, Inc.

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### Certificate of Analysis and DataSheet

#### Mouse Anti Hepatitis C Virus NS-5a (a.a. 2190-2300)

<b>Catalog No.</b>	<b>Species</b>	<b>Isotype</b>
MD-05-0212	Virus	IgG <sub>1</sub>

### Preparation

**Host Animal:** Mouse  
**Source:** Ascites  
**Immunogen:** Recombinant antigen (HCV) genotype 1b  
**Purification:** Protein G chromatography

### Specificity

HCV NS-5a antigen

### Formulation

**Format:** Purified, Liquid  
**Concentration:** 1mg/ml  
**Affinity Constant:** Not determined  
**Buffer:** PBS, pH 7.2  
**Preservative:** 0.01% Sodium azide

### Storage

Short term (up to 1 month) store at 2-8°C. Long term, aliquot and store at -80°C.

**Avoid repeated freeze/thaw cycles.**

**Centrifuge before opening to ensure complete recovery of vial contents.**

**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**

<b>Options</b> <b>Functions</b>	<b>YES</b>	<b>NO</b>	<b>Not determined</b>	<b>Recommended Work dilution or concentration</b>
ELISA	.			$\sim 10^{-6}$
Western Blotting	.			1:1,000
IFA			.	
IHC	.			cryostat liver sections 1:20
Flow Cytometry			.	
Immunoprecipitation			.	
Competitive RIA			.	

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

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