



## RayBiotech, Inc.

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# Certificate of Analysis and Data Sheet Mouse Anti-Hepatitis C Virus (HCV) E1

**Catalog No.**

MD-05-0202

**Target Species**

Viral

**Isotype**

IgG

**Description:**

Monoclonal Antibody to Hepatitis C Virus (HCV) E1

**Specificity:**

Specific to HCV E1

**Host Animal:**

Mouse

**Isotype:**

IgG

**Source:**

Ascites

**Immunogen:**

Recombinant HCV E1 glycoprotein (genotype 1b)

**Format:**

Purified, Liquid

**Purification:**

&gt;90% pure. Protein A chromatography

**Concentration:**1mg/ml (OD<sub>280nm</sub>, E<sup>0.1%</sup> = 1.3)**Affinity Constant:**

Not determined

**Buffer:**

0.01M PBS, pH 7.2

This product contains no stabilizing proteins.

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



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### ***Preservative:***

0.1% Sodium azide

### ***Applications:***

Suitable for use in ELISA, IFA and Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

### ***Storage:***

Upon receipt, aliquot and store at  $-20^{\circ}\text{C}$ . Avoid multiple freeze/thaw cycles.

### ***References:***

Tani, H., et al., (2007), "Replication-Competent Recombinant Vesicular Stomatitis Virus Encoding Hepatitis C Virus Envelope Proteins", *Journal of Virology*, **81**(16): 8601-8612

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