Meridian Life Science,® Inc.
Innovative Solutions. Trusted Partner.®

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CERTIFICATE OF ANALYSIS

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

Catalog #: C65388M **Lot #:** 11B03808

Description: MAb to HCV NS-5a
Monoclonal Antibody to Hepatitis C Virus (HCV), NS-5a Specific

Specificity: Recognizes Hepatitis C Virus. Specific to NS-5a.

Host Animal: Mouse **Isotype:** IgG_{2a}

Source: Ascites

Immunogen: Recombinant antigen (HCV genotype 1a).

Format: Purified, Liquid

Purification: > 90% pure. Protein A Chromatography

Concentration: 3.4 mg/mL (OD280nm, $E^{0.1\%} = 1.3$)

Buffer: 0.01 M Phosphate Buffered Saline, pH 7.2
Product contains no stabilizing proteins.

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: Store at 2-8°C.

Safety Notes (s): Refer to the appropriate Safety Data Sheet (SDS) for additional information.

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References:

The references listed below are for research purposes only:

1. Zhang, Z., et al., (2008), "The FUSE Binding Protein is a Cellular Factor Required for Efficient Replication of Hepatitis C Virus", Journal of Virology, **82**(12): 5761-5773.
2. Gao, L., et al., (2004), "Interactions between Viral Nonstructural Proteins and Host Protein hVAP-33 Mediate the Formation of Hepatitis C Virus RNA Replication Complex on Lipid Raft", Journal of Virology, **78**(7): 3480–3488.
3. Gao, L., et al., (2003), "Interaction with a Ubiquitin-Like Protein Enhances the Ubiquitination and degradation of Hepatitis C Virus RNA-Dependent RNA Polymerase", Journal of Virology, **77**(7): 4149–4159.
4. Kanda, T., et al., (2007), "Small Interfering RNA Targeted to Hepatitis C Virus 5' Nontranslated Region Exerts Potent Antiviral Effect", Journal of Virology, **81**(2): 669–676.

Corry Thomas

22 March 2017

Signature Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY