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 #: C8A018F **Lot #:** 2B05313

Description: MAb to HCV NS-4
Monoclonal Antibody to Hepatitis C Virus (HCV) NS4 Region
Fluorescein Conjugated

Specificity: Specific for HCV NS4 antigen.

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

Source: Ascites

Immunogen: HCV NS4 recombinant antigen (NS4a+b a.a. 1658-1863, 19kDa) (Catalog #R8A116).

Format: FITC, Liquid

Purification: Protein A Chromatography

Concentration: 1 mg/mL

Buffer: 1X Phosphate Buffered Saline, pH 7.2

Preservative: 0.01% Sodium Azide

Applications: Suitable for use in Western Blot, ELISA, IFA and IHC. 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: Short term (up to 2 months) store at 2-8°C. Long term, aliquot and store at -80°C. Avoid multiple freeze/thaw cycles.

Safety Note(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. Meyer, K., et al., (2008), "Antibody-Dependent Enhancement of Hepatitis C Virus Infection", Journal of Virology, **82**(5): 2140-2149.
2. Kanda, T., et al., (2007), "Hepatitis C Virus Infection Induces the Beta Interferon Signaling Pathway in Immortalized Human Hepatocytes", Journal of Virology, **81**(22): 12375-12381.
3. Ait-Goughoulte, M., et al., (2008), "Hepatitis C Virus Genotype 1a Growth and Induction of Autophagy", Journal of Virology, **82**(5): 2241-2249.
4. Kanda, Tatsuo, 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.

Signature

11 April 2017
Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY