

## Datasheet

### Hepatitis C virus NS4a protein monoclonal antibody, clone S4-13

**Catalog Number:** MAB7951

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against recombinant hepatitis C virus NS4a protein.

**Clone Name:** S4-13

**Immunogen:** Recombinant protein corresponding to N-terminus of hepatitis C virus NS4a protein.

**Host:** Mouse

**Reactivity:** Viruses

**Applications:** ELISA, IF, WB-Re

(See our web site product page for detailed applications information)

**Protocols:** See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** This antibody is specific to human HCV NS4a protein of genotype 1b. It does not react with genotypes 1a, and 2a.

**Form:** Liquid

**Isotype:** IgG2a, kappa

**Recommend Usage:** The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (50% glycerol)

**Storage Instruction:** Store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

#### References:

1. Molecular virology of hepatitis C virus (HCV): 2006 update. Brass V, Moradpour D, Blum HE. Int J Med Sci. 2006;3(2):29-34. Epub 2006 Apr 1.
2. Production of nonstructural proteins of hepatitis C virus requires a putative viral protease encoded by NS3.

Manabe S, Fuke I, Tanishita O, Kaji C, Gomi Y, Yoshida S, Mori C, Takamizawa A, Yosida I, Okayama H. Virology. 1994 Feb;198(2):636-44.

3. Structure and organization of the hepatitis C virus genome isolated from human carriers. Takamizawa A, Mori C, Fuke I, Manabe S, Murakami S, Fujita J, Onishi E, Andoh T, Yoshida I, Okayama H. J Virol. 1991 Mar;65(3):1105-13.