



Product Data Sheet

Cat # AB-15610

Mouse Anti Hepatitis C Virus NS3 IgG

Size: 100 ug

200 mg

Type:

Mouse antibody Monoclonal

Introduction:

HCV is a small 50nm, enveloped, single-stranded, positive sense RNA virus in the family Flaviviridae. HCV has a high rate of replication with approximately one trillion particles produced each day in an infected individual. Due to lack of proofreading by the HCV RNA polymerase, the HCV has an exceptionally high mutation rate, a factor that may help it elude the host's immune response. Hepatitis C virus is classified into six genotypes (1-6) with several subtypes within each genotype. The preponderance and distribution of HCV genotypes varies globally. Genotype 1 is clinically important in determining potential response to interferon-based therapy and the required duration of such therapy. Genotypes 1 and 4 are less responsive to interferon-based treatment than are the other genotypes (2, 3, 5 and 6).

Immunogen:

Recombinant HCV NS-3 (genotype 1a).

Ig Subclass:

Mouse IgG2a, k chain

Description:

MAb to HCV NS-3, Monoclonal Antibody to Hepatitis C Virus (HCV), NS-3.

Source:

Ascites

Format:

Purified, Liquid. 0.7mg/ml

Formulation:

0.01M PBS, pH 7.2, with 0.1% Sodium azide.

Stability:

Upon arrival, aliquot and store at -20°C.
Avoid multiple freeze/thaw cycles.

Specificity:

Recognizes Hepatitis C virus. Specific to NS-3

Purification:

Greater than 90% pure. Protein A chromatography.

Concentration:

100ug/143µl (OD_{280nm}, E_{0.1%} = 1.4)

Applications:

Suitable for use in ELISA, IFA and Western blot.

Warning:

This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains

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