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Datasheet for ABIN781783

anti-HCV NS5 antibody (N-Term)

1 Image

1 Publication

Overview

Quantity:	0.1 mg
Target:	HCV NS5
Binding Specificity:	AA 1-19, N-Term
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HCV NS5 antibody is un-conjugated
Application:	Enzyme Immunoassay (EIA), Immunoprecipitation (IP), Functional Studies (Func)

Product Details

Immunogen:	Recombinant Hepatitis C Virus nonstructural protein 5B (NS5B) RNAdependent RNA polymerase (RdRp)
Clone:	8B2
Isotype:	IgG2a
Purification:	Protein G affinity chromatography

Target Details

Target:	HCV NS5
Alternative Name:	HCV NS5 (HCV NS5 Products)
Target Type:	Viral Protein

Target Details

Background: Non-structural protein 5B (NS5B) represents the RNA-dependent RNA polymerase (RdRp) of Hepatitis C Virus, which is a small positive strand RNA virus in the family Flaviviridae. HCV is a major causative agent of acute and chronic hepatitis, hepatocellular carcinoma and liver cirrhosis. The single subunit RNA-dependent RNA polymerase is absolutely essential for the viral replication. Synonyms: Hepatitis C Virus, RNA-directed RNA polymerase NS5B

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Concentration: 1.0 mg/mL

Buffer: PBS pH 7.4, with 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

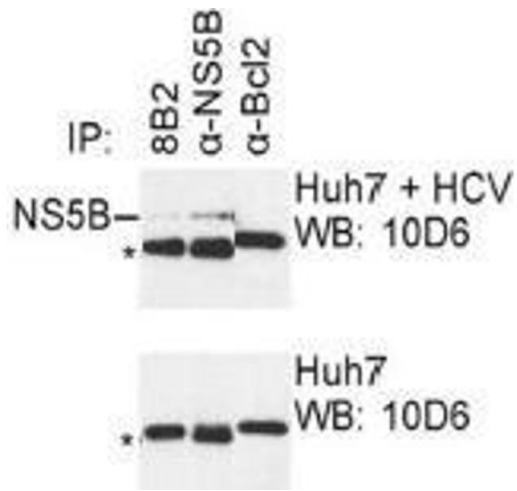
Handling Advice: Avoid repeated freezing and thawing.

Storage: -20 °C

Storage Comment: Upon receipt, store (in aliquots) at -20 to -70 °C.

Publications

Product cited in: Nikonov, Juronen, Ustav: "Functional characterization of fingers subdomain-specific monoclonal antibodies inhibiting the hepatitis C virus RNA-dependent RNA polymerase." in: **The Journal of biological chemistry**, Vol. 283, Issue 35, pp. 24089-102, (2008) ([PubMed](#)).



Western Blotting

Image 1.