Datasheet for ABIN781782

anti-HCV NS5 antibody (AA 92-105)

1 Image | 1 Publication

Go to Product page

Overview

Quantity:	0.1 mg
Target:	HCV NS5
Binding Specificity:	AA 92-105
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HCV NS5 antibody is un-conjugated
Application:	Western Blotting (WB), Enzyme Immunoassay (EIA), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant Hepatitis C Virus nonstructural protein 5B (NS5B) RNA-dependent RNA polymerase (RdRp)
Clone:	7G8
Isotype:	IgG1
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

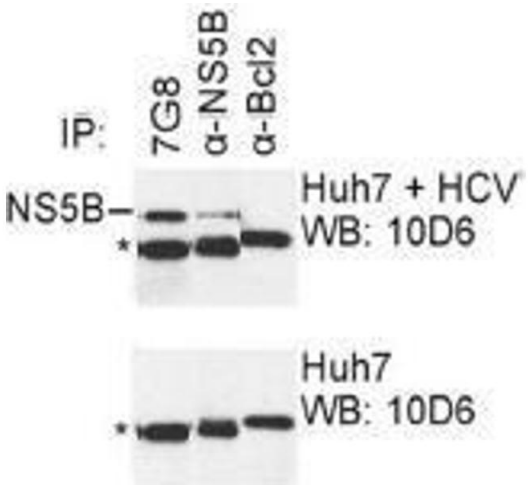
Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

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.