



[Go to Product page](#)

Datasheet for ABIN781781

## anti-HCV NS5 antibody (AA 77-86)

1 Image

1 Publication

### Overview

Quantity:	0.1 mg
Target:	HCV NS5
Binding Specificity:	AA 77-86
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) RNAdependent RNA polymerase (RdRp)
Clone:	6G5
Isotype:	IgG1
Purification:	Protein G Affinity chromatography

### Target Details

Target:	HCV NS5
Alternative Name:	HCV NS5 ( <a href="#">HCV NS5 Products</a> )
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.

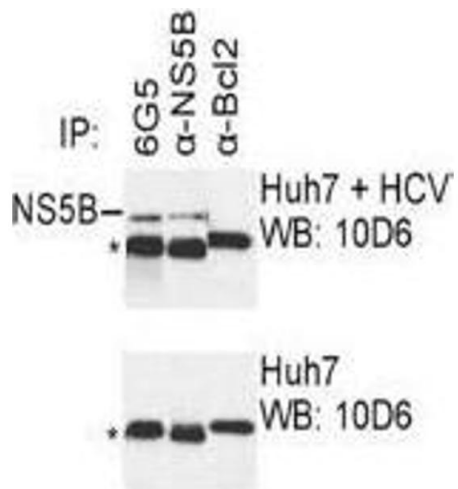
**Storage:** -20 °C

**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.