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Datasheet for ABIN5004467

## anti-HCV NS4b antibody (AA 1712-1820) (Alexa Fluor 680)

### Overview

Quantity:	100 µL
Target:	HCV NS4b
Binding Specificity:	AA 1712-1820
Reactivity:	Hepatitis C Virus (HCV), Virus
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This HCV NS4b antibody is conjugated to Alexa Fluor 680
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from Hepatitis C Virus NS4B
Isotype:	IgG
Cross-Reactivity:	Virus
Cross-Reactivity (Details):	HCV
Purification:	Purified by Protein A.

### Target Details

Target:	HCV NS4b
Alternative Name:	Hepatitis C Virus NS4B ( <a href="#">HCV NS4b Products</a> )

## Target Details

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Target Type: Viral Protein

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Background: Synonyms: HCV, HCV NS4B, Non structural protein 4B, NS4B, p27.  
Background: HCV is a positive, single-stranded RNA virus in the Flaviviridae family. The genome is approximately 10,000 nucleotides and encodes a single polyprotein of about 3,000 amino acids. The polyprotein is processed by host cell and viral proteases into three major structural proteins and several non-structural protein necessary for viral replication. NS4B induces a specific membrane alteration that serves as a scaffold for the virus replication complex. This membrane alteration gives rise to the so-called ER-derived membranous web that contains the replication complex.

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UniProt: [P26663](#)

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## Application Details

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Application Notes: IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Concentration: 1 µg/µL

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Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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Preservative: ProClin

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

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Storage: -20 °C

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Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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Expiry Date: 12 months

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