

Functional NS5B (HCV) Antibody, mAb (blocking)
Catalog # ADP0014**Specification**

Functional NS5B (HCV) Antibody, mAb (blocking) - Product Information

Application	ICC, IP
Host	Purified From Concentrated Hybridoma Tissue Culture Supernatant.
Clonality	Monoclonal
Isotype	Mouse IgG2a
Gene Source	HCV
Application Note	ICC(1:100),IP,Functional Application, Blocks the RNA-dependent RNA polymerase activity in vitro,Note, Not suitable for WB.
Dilution	ICC~~N/A IP~~N/A

Functional NS5B (HCV) Antibody, mAb (blocking) - Additional Information**Other Names**

Nonstructural Protein 5B

Target/Specificity

Recognizes HCV NS5B from HCV genotype 1 (epitope mapped to NS5B aa 139-392). Does not react with genotype 2.

Format

Liquid. In PBS containing 0.02% sodium azide.

Reconstitution & Storage

Stable for at least 1 year after receipt when stored at -20°C.

Precautions

Functional NS5B (HCV) Antibody, mAb (blocking) is for research use only and not for use in diagnostic or therapeutic procedures.

Functional NS5B (HCV) Antibody, mAb (blocking) - Protein Information**Functional NS5B (HCV) Antibody, mAb (blocking) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Functional NS5B (HCV) Antibody, mAb (blocking) - Images**Functional NS5B (HCV) Antibody, mAb (blocking) - Background**

The NS3 serine protease, in association with NS4A, is responsible for the cleavages of the Hepatitis C virus protease complexes NS3-NS4A, NS4A-NS4B, NS4B-NS5A and NS5A-NS5B. NS5B is a RNA-dependent RNA polymerase that plays an essential role in the virus replication. Hepatitis C virus protease NS3-NS4A colocalizes with IPS-1/VISA/MAVS/Cardif in the mitochondrial membrane and has been shown to cleave the TLR3 adapter TRIF and Cardif to eliminate the antiviral signaling pathways. NS3-NS4A represents an important target for anti-HCV drugs.