

# Product Datasheet

## Hepatitis C Virus Core Antigen Antibody (C7-50) - BSA Free

**NB120-2740-0.025 mg**

Unit Size: 0.025 mg

Store at -20C. Avoid freeze-thaw cycles.

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**NB120-2740-0.025 mg**

Hepatitis C Virus Core Antigen Antibody (C7-50) - BSA Free

Product Information	
Unit Size	0.025 mg
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	C7-50
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Immunogen affinity purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse Hepatitis C Virus Core Antigen Antibody (C7-50) - BSA Free (NB120-2740) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and IP. Anti-Hepatitis C Virus Core Antigen Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	951475
Gene Symbol	POLY
Species	Human, Mouse, Virus
Reactivity Notes	Human reactivity reported in literature (PMID: 16940534). Mouse reactivity reported in literature (PMID: 22984515).
Specificity/Sensitivity	Detects hepatitis C virus (HCV) core protein from transfected human and primate cell lines.
Immunogen	Purified HCV core-GST fusion protein (genotype 1b).

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunofluorescence
Recommended Dilutions	Western Blot 1 ug/mL, Flow Cytometry 1:100, ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunoprecipitation 1:10 - 1:500, Immunofluorescence 1:10 - 1:500
Application Notes	IP usage was reported in scientific literature (PMID: 16940534). IHC usage reported in scientific literature (PMID: 15159022). WB: Detects a single ~21 kDa protein representing HCV core protein in various transfected cell lines. IF: Staining of HCV core protein in transfected chimp hepatocytes yields a staining pattern consistent with cytoplasmic and vesicular staining.

**Publications**

Zhao L, Sun X, Chen L et al. Hepatitis C Virus Core Protein Promotes the Metastasis of Human Hepatocytes by Activating the MAPK/ERK/PEA3-SRF/c-Fos/MMPs Axis Archives of medical research 2022-07-01 [PMID: 35817647] (WB, Human)





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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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