

# Product Datasheet

## Hepatitis C Virus Core Antigen Antibody (C7-50) - BSA Free NB120-2740

Unit Size: 100 ug

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

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**NB120-2740****Hepatitis C Virus Core Antigen Antibody (C7-50) - BSA Free**

<b>Product Information</b>	
<b>Unit Size</b>	100 ug
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	C7-50
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS

<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	951475
<b>Gene Symbol</b>	POLY
<b>Species</b>	Human, Mouse, Virus
<b>Reactivity Notes</b>	Human reactivity reported in literature (PMID: 16940534). Mouse reactivity reported in literature (PMID: 22984515).
<b>Specificity/Sensitivity</b>	Detects hepatitis C virus (HCV) core protein from transfected human and primate cell lines.
<b>Immunogen</b>	Purified HCV core-GST fusion protein (genotype 1b).

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunofluorescence
<b>Recommended Dilutions</b>	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
<b>Application Notes</b>	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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### **Products Related to NB120-2740**

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB120-2740UV	Hepatitis C Virus Core Antigen Antibody (C7-50) [DyLight 350]

### **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.

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