

# Product Datasheet

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

[CoraFluor™ 1]

**NB120-2740CL1**

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NB120-2740CL1**

Hepatitis C Virus Core Antigen Antibody (C7-50) [CoraFluor™ 1]

| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 ml   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C in the dark. Do not freeze.  |
| Clonality           | Monoclonal   |
| Clone               | C7-50  |
| Preservative        | No Preservative  |
| Isotype             | IgG1   |
| Conjugate           | CoraFluor 1  |
| Purity              | Immunogen affinity purified  |
| Buffer              | PBS  |

| Product Description     |  |
|-------------------------|--|
| Description             | <p>CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.</p> <p><a href="#">CoraFluor(TM) 1, amine reactive</a></p> <p><a href="#">CoraFluor(TM) 1, thiol reactive</a></p> <p>For more information, please see our <a href="#">CoraFluor(TM) TR-FRET technology flyer</a>.</p> |
| 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).  |
| Notes                   | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254  |

| Product Application Details |  |
|-----------------------------|--|
| Applications                | Western Blot, ELISA, Flow Cytometry, Immunohistochemistry, Immunoprecipitation, Immunofluorescence |
| Recommended Dilutions       | Western Blot, Flow Cytometry, ELISA, Immunohistochemistry, Immunoprecipitation, Immunofluorescence |



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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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