

# Product Datasheet

## WRN Antibody [CoraFluor™ 1] NB100-472CL1

Unit Size: 0.1 ml

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

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**NB100-472CL1**

WRN Antibody [CoraFluor™ 1]

| Product Information         |   |
|-----------------------------|---|
| Unit Size                   | 0.1 ml  |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.   |
| Storage                     | Store at 4C in the dark. Do not freeze.   |
| Clonality                   | Polyclonal  |
| Preservative                | No Preservative   |
| Isotype                     | IgG   |
| Conjugate                   | CoraFluor 1   |
| Purity                      | Immunogen affinity purified   |
| Buffer                      | PBS   |
| Product Description         |   |
| Description                 | 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(IM) 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. |
| Host                        | Rabbit  |
| Gene ID                     | 7486  |
| Gene Symbol                 | WRN   |
| Species                     | Human, Mouse  |
| Reactivity Notes            | Mouse reactivity reported in scientific literature (PMID: 30971823).  |
| Immunogen                   | The immunogen recognized by this antibody maps to a region between residues 1400 and the C-terminus (residue 1432) of human Werner Syndrome Helicase using the numbering given in SwissProt entry Q14191 (GeneID 7486).   |
| 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, Immunoprecipitation, Knockout Validated   |
| Recommended Dilutions       | Western Blot, Immunoprecipitation, Knockout Validated   |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.  |





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### **Products Related to NB100-472CL1**

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|               |                                 |
|---------------|---------------------------------|
| NBP1-87143PEP | WRN Recombinant Protein Antigen |
| NB110-57130   | TRF-2 Antibody - BSA Free       |
| NB100-309     | ATM Antibody (2C1)              |
| NB100-148     | Rad51 Antibody (14B4)           |

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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.

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