

# Product Datasheet

## MDC1 Antibody [CoraFluor™ 1] NB100-397CL1

Unit Size: 0.1 ml

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

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**NB100-397CL1**

MDC1 Antibody [CoraFluor™ 1]

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C in the dark. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Conjugate</b>	CoraFluor 1
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	PBS

**Product Description**

<b>Description</b>	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.  <a href="#">CoraFluor(TM) 1, amine reactive</a>  <a href="#">CoraFluor(TM) 1, thiol reactive</a>  For more information, please see our <a href="#">CoraFluor(TM) TR-FRET technology flyer</a> .
<b>Host</b>	Rabbit
<b>Gene ID</b>	9656
<b>Gene Symbol</b>	MDC1
<b>Species</b>	Human
<b>Reactivity Notes</b>	Based on 100% sequence identity, this antibody is predicted to react with Chimpanzee.
<b>Immunogen</b>	The immunogen this antibody was made to, maps to a region between residues 1375 and 1425 of human Mediator of DNA Damage Checkpoint 1 using the numbering given in entry NP_055456.1 (GeneID 9656).
<b>Notes</b>	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**

<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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## Products Related to NB100-397CL1

NB100-56657PEP	MDC1 Antibody Blocking Peptide
NBP1-84860PEP	MDC1 Recombinant Protein Antigen
NB100-304	53BP1 Antibody - BSA Free
NB100-143	Nbs1 Antibody - BSA Free

## 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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