

# Product Datasheet

## Lamin A + C R453W Antibody (12A-2F5) [CoraFluor™ 1] NBP1-77401CL1

Unit Size: 0.1 ml

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

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**NBP1-77401CL1**

Lamin A + C R453W Antibody (12A-2F5) [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>	Monoclonal
<b>Clone</b>	12A-2F5
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1 Kappa
<b>Conjugate</b>	CoraFluor 1
<b>Purity</b>	Protein G 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(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.
<b>Host</b>	Mouse
<b>Gene ID</b>	4000
<b>Gene Symbol</b>	LMNA
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Disease-associated point-mutant R453W of Lamin A + C
<b>Immunogen</b>	Synthetic peptide corresponding to amino acids 449-457 of human Lamin A + C [Accession#: NP_733821.1]
<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, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation
<b>Application Notes</b>	Optimal dilution of this antibody should be experimentally determined.





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### **Products Related to NBP1-77401CL1**

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210-TA-005	TNF-alpha [Unconjugated]
DLP00	Leptin/OB [HRP]
NB200-103	p53 Antibody (PAb 240) - BSA Free
1129-ER-050	ErbB2/Her2 [Unconjugated]

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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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