

# Product Datasheet

## **Troponin I Type 3 (cardiac) Antibody (4C2cc) [CoraFluor™ 1] NB110-8453CL1**

Unit Size: 0.2 ml

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

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB110-8453CL1](http://www.novusbio.com/NB110-8453CL1)

Updated 11/11/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB110-8453CL1](http://www.novusbio.com/reviews/destination/NB110-8453CL1)



**NB110-8453CL1**

Troponin I Type 3 (cardiac) Antibody (4C2cc) [CoraFluor™ 1]

| Product Information         |                                                                                                                                                                                                                                         |
|-----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.2 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                       | 4C2cc                                                                                                                                                                                                                                   |
| Preservative                | No Preservative                                                                                                                                                                                                                         |
| Isotype                     | IgG2a                                                                                                                                                                                                                                   |
| Conjugate                   | CoraFluor 1                                                                                                                                                                                                                             |
| Purity                      | Protein A purified                                                                                                                                                                                                                      |
| Buffer                      | PBS                                                                                                                                                                                                                                     |
| Product Description         |                                                                                                                                                                                                                                         |
| Host                        | Mouse                                                                                                                                                                                                                                   |
| Gene ID                     | 7137                                                                                                                                                                                                                                    |
| Gene Symbol                 | TNNI3                                                                                                                                                                                                                                   |
| Species                     | Human, Mouse, Rat, Porcine, Bovine, Canine, Feline, Goat, Rabbit                                                                                                                                                                        |
| Reactivity Notes            | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information. |
| Specificity/Sensitivity     | No cross-reaction with skeletal muscle TnI.                                                                                                                                                                                             |
| Immunogen                   | Hybridoma clone has been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with free human cTnI.                                                                                             |
| 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, Immunoassay, Immunohistochemistry, Immunoprecipitation, Sandwich ELISA, Immunoaffinity Purification                                                                                                                |
| Recommended Dilutions       | Western Blot, ELISA, Immunohistochemistry, Immunoprecipitation, Immunoassay, Sandwich ELISA, Immunoaffinity Purification                                                                                                                |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                  |



**Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

**Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

**Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

**General Contact Information**

[www.novusbio.com](http://www.novusbio.com)  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

**Products Related to NB110-8453CL1**

---

|                   |                                                                    |
|-------------------|--------------------------------------------------------------------|
| H00007137-P01-2ug | Recombinant Human Troponin I Type 3 (cardiac) GST (N-Term) Protein |
| 210-TA-005        | TNF-alpha [Unconjugated]                                           |
| NBP3-00456        | Mouse Troponin I Type 3 (cardiac) Sandwich ELISA Optimization Kit  |
| DY1707            | C-Reactive Protein/CRP [Biotin]                                    |

---

**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)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB110-8453CL1](http://www.novusbio.com/reviews/submit/NB110-8453CL1)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

