

# Product Datasheet

## Striated Muscle Myosin Heavy Chain Antibody (83B6) [CoraFluor™ 1] NBP2-50254CL1

Unit Size: 0.1 ml

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

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**NBP2-50254CL1**

## Striated Muscle Myosin Heavy Chain Antibody (83B6) [CoraFluor™ 1]

**Product Information**

|                      |  |
|----------------------|--|
| <b>Unit Size</b>     | 0.1 ml   |
| <b>Concentration</b> | This product is unpurified. The exact concentration of antibody is not quantifiable. |
| <b>Storage</b>       | Store at 4C in the dark. Do not freeze.  |
| <b>Clonality</b>     | Monoclonal   |
| <b>Clone</b>         | 83B6   |
| <b>Preservative</b>  | No Preservative  |
| <b>Isotype</b>       | IgG1   |
| <b>Conjugate</b>     | CoraFluor 1  |
| <b>Purity</b>        | Ascites  |
| <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.<br><br><a href="#">CoraFluor(TM) 1, amine reactive</a><br><br><a href="#">CoraFluor(TM) 1, thiol reactive</a><br><br>For more information, please see our <a href="#">CoraFluor(TM) TR-FRET technology flyer</a> . |
| <b>Host</b>                    | Mouse  |
| <b>Species</b>                 | Human, Mouse, Rat, Chicken, Rabbit   |
| <b>Specificity/Sensitivity</b> | This antibody reacts with all skeletal and cardiac muscle type myosin heavy chains (striated muscle myosin heavy chains SM1 and SM2).  |
| <b>Immunogen</b>               | Purified human skeletal muscle myosin  |
| <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                                     |
| <b>Recommended Dilutions</b> | Western Blot, Immunohistochemistry                                     |
| <b>Application Notes</b>     | Optimal dilution of this antibody should be experimentally determined. |



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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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