

# Product Datasheet

## Mitofusin 2 Antibody (S153-5) [CoraFluor™ 1] NBP2-42188CL1

Unit Size: 0.1 ml

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

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**NBP2-42188CL1**

Mitofusin 2 Antibody (S153-5) [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                   | Monoclonal                                                                                                                                                                                                               |
| Clone                       | S153-5                                                                                                                                                                                                                   |
| Preservative                | No Preservative                                                                                                                                                                                                          |
| Isotype                     | IgG2a                                                                                                                                                                                                                    |
| Conjugate                   | CoraFluor 1                                                                                                                                                                                                              |
| Purity                      | Protein G purified                                                                                                                                                                                                       |
| Buffer                      | PBS                                                                                                                                                                                                                      |
| Product Description         |                                                                                                                                                                                                                          |
| Host                        | Mouse                                                                                                                                                                                                                    |
| Gene ID                     | 9927                                                                                                                                                                                                                     |
| Gene Symbol                 | MFN2                                                                                                                                                                                                                     |
| Species                     | Human, Mouse, Rat                                                                                                                                                                                                        |
| Reactivity Notes            | Immunogen displays sequence identity for non-tested species: Mouse and Rat.                                                                                                                                              |
| Specificity/Sensitivity     | Approx 55% identity with Mitofusin-1. Detects approx 90kDa. No cross-reactivity against Mitofusin-1.                                                                                                                     |
| Immunogen                   | Fusion protein amino acids 370-600 (cytoplasmic N-terminus) of mouse Mitofusin-2. Rat: 97% identity (226/231 amino acids identical). Human: 92% identity (214/231 amino acids identical) ~55% identity with Mitofusin-1. |
| 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, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry                                                                                                                                              |
| Recommended Dilutions       | Western Blot, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence                                                                                                                                              |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                   |





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### **Products Related to NBP2-42188CL1**

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|                    |                                                    |
|--------------------|----------------------------------------------------|
| H00009927-Q01-10ug | Recombinant Human Mitofusin 2 GST (N-Term) Protein |
| 210-TA-005         | TNF-alpha [Unconjugated]                           |
| NBL1-13040         | Mitofusin 2 Overexpression Lysate                  |
| NB100-56503        | Cytochrome c Antibody (7H8.2C12) - BSA Free        |

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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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