

# Product Datasheet

## Mitofusin 1 Antibody [mFluor Violet 610 SE] AF7880MFV610

Unit Size: 0.1 ml

Store at 4C in the dark.

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**AF7880MFV610**

Mitofusin 1 Antibody [mFluor Violet 610 SE]

| 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.                                                                                                                                                                                                              |
| Clonality                   | Polyclonal                                                                                                                                                                                                                            |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                    |
| Isotype                     | IgG                                                                                                                                                                                                                                   |
| Conjugate                   | mFluor Violet 610 SE                                                                                                                                                                                                                  |
| Purity                      | Antigen Affinity-purified                                                                                                                                                                                                             |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                    |
| Product Description         |                                                                                                                                                                                                                                       |
| Host                        | Sheep                                                                                                                                                                                                                                 |
| Gene ID                     | 55669                                                                                                                                                                                                                                 |
| Gene Symbol                 | MFN1                                                                                                                                                                                                                                  |
| Species                     | Human                                                                                                                                                                                                                                 |
| Specificity/Sensitivity     | Detects human Mitofusin 1 in direct ELISAs and Western blots. In direct ELISAs, less than 3% cross-reactivity with recombinant human Mitofusin 2 is observed.                                                                         |
| Immunogen                   | <i>E. coli</i> -derived recombinant human Mitofusin 1<br>Ala2-Lys77<br>Accession # Q8IWA4                                                                                                                                             |
| Notes                       | mFluor(TM) is a trademark of AAT Bioquest, Inc. This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet. |
| Product Application Details |                                                                                                                                                                                                                                       |
| Applications                | Western Blot                                                                                                                                                                                                                          |
| Recommended Dilutions       | Western Blot                                                                                                                                                                                                                          |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                |





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### **Products Related to AF7880MFV610**

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|                    |                                                    |
|--------------------|----------------------------------------------------|
| H00055669-Q01-10ug | Recombinant Human Mitofusin 1 GST (N-Term) Protein |
| NBL1-13039         | Mitofusin 1 Overexpression Lysate                  |
| NB100-56503        | Cytochrome c Antibody (7H8.2C12) - BSA Free        |
| NB110-55290        | OPA1 Antibody - 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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