

# Product Datasheet

## 4-Hydroxynonenal Antibody (12F7) [mFluor Violet 500 SE] NBP2-59353MFV500

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-59353MFV500****4-Hydroxynonenal Antibody (12F7) [mFluor Violet 500 SE]**

| <b>Product Information</b>         |                                                                                                                                                                                                                                                |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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.                                                                                                                                                                                                                       |
| <b>Clonality</b>                   | Monoclonal                                                                                                                                                                                                                                     |
| <b>Clone</b>                       | 12F7                                                                                                                                                                                                                                           |
| <b>Preservative</b>                | 0.05% Sodium Azide                                                                                                                                                                                                                             |
| <b>Isotype</b>                     | IgG1                                                                                                                                                                                                                                           |
| <b>Conjugate</b>                   | mFluor Violet 500 SE                                                                                                                                                                                                                           |
| <b>Purity</b>                      | Protein G purified                                                                                                                                                                                                                             |
| <b>Buffer</b>                      | 50mM Sodium Borate                                                                                                                                                                                                                             |
| <b>Product Description</b>         |                                                                                                                                                                                                                                                |
| <b>Host</b>                        | Mouse                                                                                                                                                                                                                                          |
| <b>Species</b>                     | Non-species specific                                                                                                                                                                                                                           |
| <b>Specificity/Sensitivity</b>     | Specific for 4-Hydroxynonenal (4-HNE) modified proteins. Does not detect free 4-Hydroxynonenal. Does not cross-react with 4-Hydroxy-2-hexenal, Acrolein, Crotonaldehyde, Hexanoyl Lysine, Malondialdehyde, or Methylglyoxal modified proteins. |
| <b>Immunogen</b>                   | Synthetic 4-Hydroxynonenal modified Keyhole Limpet Hemocyanin (KLH)                                                                                                                                                                            |
| <b>Notes</b>                       | 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.          |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                |
| <b>Applications</b>                | Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence                                                                                                                                                     |
| <b>Recommended Dilutions</b>       | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin                                                                                                                                                    |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                         |



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### **Products Related to NBP2-59353MFV500**

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|                  |                                                         |
|------------------|---------------------------------------------------------|
| NBP1-97005MFV500 | Mouse IgG1 Isotype Control (MG1) [mFluor Violet 500 SE] |
| NBP2-66364       | 4-Hydroxynonenal ELISA Kit (Colorimetric)               |

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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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