

# Product Datasheet

## 4-Hydroxynonenal Antibody (12F7) [PerCP] NBP2-59353PCP

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-59353PCP****4-Hydroxynonenal Antibody (12F7) [PerCP]**

| <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>                   | PerCP                                                                                                                                                                                                                                          |
| <b>Purity</b>                      | Protein G purified                                                                                                                                                                                                                             |
| <b>Buffer</b>                      | PBS                                                                                                                                                                                                                                            |
| <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>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 NBP2-59353PCP**

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|               |                                           |
|---------------|-------------------------------------------|
| NBP1-97005PCP | Mouse IgG1 Isotype Control (MG1) [PerCP]  |
| 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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