

# Product Datasheet

## 4-Hydroxy-2-hexenal Antibody (6F10) [DyLight 594] NBP2-59352DL594

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP2-59352DL594****4-Hydroxy-2-hexenal Antibody (6F10) [DyLight 594]**

| <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>               | 6F10                                                                                        |
| <b>Preservative</b>        | 0.05% Sodium Azide                                                                          |
| <b>Isotype</b>             | IgG2b                                                                                       |
| <b>Conjugate</b>           | DyLight 594                                                                                 |
| <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-Hydroxy-2-hexenal (4-HHE) and 4-Hydroxynonenal (4-HNE) modified proteins. Does not detect free 4-Hydroxy-2-hexenal (4-HHE) or 4-Hydroxynonenal (4-HNE). Does not cross-react with Acrolein, Crotonaldehyde, Hexanoyl Lysine, Malondialdehyde, or Methylglyoxal modified proteins. |
| <b>Immunogen</b>               | Synthetic 4-Hydroxy-2-hexenal modified Keyhole Limpet Hemocyanin (KLH).                                                                                                                                                                                                                          |
| <b>Notes</b>                   | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                |

| <b>Product Application Details</b> |                                                                             |
|------------------------------------|-----------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence |
| <b>Recommended Dilutions</b>       | Western Blot, Flow Cytometry, ELISA, Immunocytochemistry/Immunofluorescence |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.      |





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### **Products Related to NBP2-59352DL594**

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|                 |                                                    |
|-----------------|----------------------------------------------------|
| NBP2-27231DL594 | Mouse IgG2b Isotype Control (MPC-11) [DyLight 594] |
|-----------------|----------------------------------------------------|

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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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