

# Product Datasheet

## Hexanoyl-Lysine adduct Antibody (5D9) [Alexa Fluor® 647] NBP2-59362AF647

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP2-59362AF647**

Hexanoyl-Lysine adduct Antibody (5D9) [Alexa Fluor® 647]

| Product Information         |                                                                                                                                                                                                                                                                  |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 100 ul                                                                                                                                                                                                                                                           |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                      |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                         |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                       |
| Clone                       | 5D9                                                                                                                                                                                                                                                              |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                               |
| Isotype                     | IgG1                                                                                                                                                                                                                                                             |
| Conjugate                   | Alexa Fluor 647                                                                                                                                                                                                                                                  |
| Purity                      | Protein G purified                                                                                                                                                                                                                                               |
| Buffer                      | 50mM Sodium Borate                                                                                                                                                                                                                                               |
| Product Description         |                                                                                                                                                                                                                                                                  |
| Host                        | Mouse                                                                                                                                                                                                                                                            |
| Species                     | Non-species specific                                                                                                                                                                                                                                             |
| Specificity/Sensitivity     | Specific for Hexanoyl-Lysine adduct (HEL) modified peptides and proteins. Does not detect free Hexanoyl-Lysine. Does not cross-react with Acrolein, Crotonaldehyde, 4-Hydroxy-2-hexenal, 4-Hydroxy nonenal, Malondialdehyde, or Methylglyoxal modified proteins. |
| Immunogen                   | Synthetic Hexanoyl modified Keyhole Limpet Hemocyanin (KLH).                                                                                                                                                                                                     |
| Product Application Details |                                                                                                                                                                                                                                                                  |
| Applications                | ELISA, Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                                                                                       |
| Recommended Dilutions       | Flow Cytometry, ELISA, Immunohistochemistry, Immunohistochemistry-Paraffin                                                                                                                                                                                       |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                           |





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### **Products Related to NBP2-59362AF647**

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|                 |                                                     |
|-----------------|-----------------------------------------------------|
| NBP1-97005AF647 | Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 647] |
|-----------------|-----------------------------------------------------|

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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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