

# Product Datasheet

## Lactate Dehydrogenase Antibody [Alexa Fluor® 647] NBP3-06457AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-06457AF647****Lactate Dehydrogenase Antibody [Alexa Fluor® 647]**

| <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>           | Polyclonal                                                                                  |
| <b>Preservative</b>        | 0.05% Sodium Azide                                                                          |
| <b>Isotype</b>             | IgG                                                                                         |
| <b>Conjugate</b>           | Alexa Fluor 647                                                                             |
| <b>Purity</b>              | Antigen and protein A Affinity-purified                                                     |
| <b>Buffer</b>              | 50mM Sodium Borate                                                                          |

| <b>Product Description</b>     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Host</b>                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Gene ID</b>                 | 3945                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Gene Symbol</b>             | LDHB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Species</b>                 | <i>P. falciparum</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Reactivity Notes</b>        | <i>Plasmodium falciparum</i> (strain 3D7)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Specificity/Sensitivity</b> | <i>Plasmodium falciparum</i> (strain 3D7) LDH/L-lactate dehydrogenase                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Immunogen</b>               | Produced in rabbits immunized with purified, recombinant Lactate Dehydrogenase (Accession#: XP_001349989.1; Met1-Ala316).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Application Details</b> |                                                                        |
|------------------------------------|------------------------------------------------------------------------|
| <b>Applications</b>                | ELISA                                                                  |
| <b>Recommended Dilutions</b>       | ELISA                                                                  |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined. |



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**Products Related to NBP3-06457AF647**

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|                 |                                                         |
|-----------------|---------------------------------------------------------|
| NBP2-24891AF647 | Rabbit IgG Isotype Control [Alexa Fluor® 647]           |
| NBP2-49694-20ug | Recombinant Human Lactate Dehydrogenase Protein         |
| NBP3-24510      | Lactate Dehydrogenase Activity Assay Kit (Colorimetric) |
| NB300-221       | GAPDH Antibody (1D4)                                    |

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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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