

# Product Datasheet

## Lactate Dehydrogenase A/LDHA Antibody (1A4) - BSA Free NBP1-74023-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP1-74023-100ul**

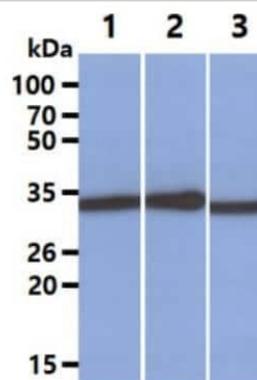
Lactate Dehydrogenase A/LDHA Antibody (1A4) - BSA Free

| <b>Product Information</b>         |                                                                                               |
|------------------------------------|-----------------------------------------------------------------------------------------------|
| <b>Unit Size</b>                   | 100 ul                                                                                        |
| <b>Concentration</b>               | 1 mg/ml                                                                                       |
| <b>Storage</b>                     | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.        |
| <b>Clonality</b>                   | Monoclonal                                                                                    |
| <b>Clone</b>                       | 1A4                                                                                           |
| <b>Preservative</b>                | 0.02% Sodium Azide                                                                            |
| <b>Isotype</b>                     | IgG2b Kappa                                                                                   |
| <b>Purity</b>                      | Protein G purified                                                                            |
| <b>Buffer</b>                      | PBS (pH 7.4), 10% Glycerol                                                                    |
| <b>Product Description</b>         |                                                                                               |
| <b>Host</b>                        | Mouse                                                                                         |
| <b>Gene ID</b>                     | 3939                                                                                          |
| <b>Gene Symbol</b>                 | LDHA                                                                                          |
| <b>Species</b>                     | Human                                                                                         |
| <b>Immunogen</b>                   | Recombinant human Lactate Dehydrogenase A/LDHA (1-332aa) purified from E.coli (NP_005557)     |
| <b>Product Application Details</b> |                                                                                               |
| <b>Applications</b>                | Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence                                  |
| <b>Recommended Dilutions</b>       | Western Blot 1:1000-1:8000, ELISA 1:100-1:2000, Immunocytochemistry/ Immunofluorescence 1:500 |

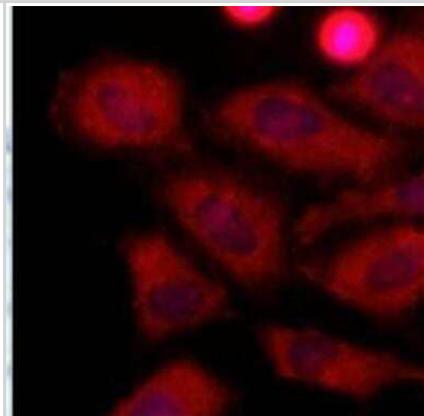


## Images

Western Blot: Lactate Dehydrogenase A/LDHA Antibody (1A4) [NBP1-74023] - Lane 1.: Jurkat cell lysate Lane 2.: 293T cell lysate Lane 3.: A431 cell lysate. antibody (1:1000).



Immunocytochemistry/Immunofluorescence: Lactate Dehydrogenase A/LDHA Antibody (1A4) [NBP1-74023] - HeLa cells stained with Hoechst 3342 (Blue) for nucleus staining and monoclonal anti-human LDHA antibody (1:500) with Texas Red (Red).



## Publications

Sikorski K, Mehta A et al. A high-throughput pipeline for validation of antibodies. Nat Methods 2018-01-11 [PMID: 30377371] (Human)

### Details:

Antibody validation based on denaturing gel electrophoresis of biotinylated cell lysates (PAGE) followed by mass spectrometry (MS) and antibody array analysis (MAP).

Halbert D, Domenyuk V, Spetzler D et al. Aptamers and uses thereof United States Patent Application US 9958448 B2 2018-01-01



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### **Products Related to NBP1-74023-100ul**

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|                  |                                                           |
|------------------|-----------------------------------------------------------|
| HAF007           | Goat anti-Mouse IgG Secondary Antibody [HRP]              |
| NB720-B          | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]   |
| NBP1-43317-0.5mg | Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)      |
| NBP1-74023UV     | Lactate Dehydrogenase A/LDHA Antibody (1A4) [DyLight 350] |

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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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