

# Product Datasheet

## HBsAg Antibody (HB3) [PE] NB500-474PE

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NB500-474PE**

HBsAg Antibody (HB3) [PE]

| Product Information         |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit Size                   | 0.1 ml                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Concentration               | Please see the vial label for concentration. If unlisted please contact technical services.                                                                                                                                                                                                                                                                                                                                                  |
| Storage                     | Store at 4C in the dark.                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Clonality                   | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Clone                       | HB3                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Preservative                | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Isotype                     | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Conjugate                   | PE                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purity                      | Ion exchange chromatography                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Buffer                      | PBS                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Product Description         |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Host                        | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Gene ID                     | 944569                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Gene Symbol                 | S                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Species                     | Viral                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Specificity/Sensitivity     | The antibody HB3 recognizes following Hepatitis B virus (HBV) subtypes: ayw2, ayw3, ayw4, ayr, adw2, adw4, adr <sup>q</sup> +, adr <sup>q</sup> -. Hepatitis B surface antigen (HBsAg) is a marker of infectivity. Specificity of the antibody HB3 was verified by ELISA on panel of virus subtypes identified on International Workshop on HBsAg Subtypes (Paris, April 1975). The antibody HB3 does not cross-block with the antibody HB5. |
| Immunogen                   | Purified HBsAg from human plasma.                                                                                                                                                                                                                                                                                                                                                                                                            |
| Notes                       | This conjugate is made on demand. Actual recovery may vary from the stated volume of this product. The volume will be greater than or equal to the unit size stated on the datasheet.                                                                                                                                                                                                                                                        |
| Product Application Details |                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Applications                | ELISA, Immunocytochemistry/ Immunofluorescence                                                                                                                                                                                                                                                                                                                                                                                               |
| Recommended Dilutions       | ELISA, Immunocytochemistry/ Immunofluorescence                                                                                                                                                                                                                                                                                                                                                                                               |





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### **Products Related to NB500-474PE**

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|              |                                       |
|--------------|---------------------------------------|
| NBP1-97005PE | Mouse IgG1 Isotype Control (MG1) [PE] |
| NB500-474UV  | HBsAg Antibody (HB3) [DyLight 350]    |
| KA0286       | HBsAg 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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