

# Product Datasheet

## Influenza B nucleoprotein Antibody (016) [Alexa Fluor® 350] NBP3-12755AF350

Unit Size: 100 ul

Store at 4C in the dark.

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**NBP3-12755AF350**

Influenza B nucleoprotein Antibody (016) [Alexa Fluor® 350]

| 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                   | 016                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Preservative            | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Isotype                 | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Conjugate               | Alexa Fluor 350                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Purity                  | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Buffer                  | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Species                 | Virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Reactivity Notes        | Pan Influenza B Has cross-reactivity in ELISA and WB with: Influenza B (B/Brisbane/60/2008) NP Influenza B (B/Colorado/06/2017) NP Influenza B (B/Florida/4/2006) NP Influenza B (B/Phuket/3073/2013) NP Influenza B (B/Washington/02/2019) NP No cross-reactivity in ELISA and WB with: H1N1 (A/Brevig Mission/1/1918) NP H1N1 (A/Brisbane/02/2018 NP H1N1 (A/California/07/2009) NP H1N1 (A/Guangdong-Maonan/SWL1536/2019) NP H1N1 (A/Hawaii/70/2019) NP H1N1 (A/Michigan/45/2015 NP H1N1 (A/Puerto Rico/8/34/Mount Sinai) NP (I116M) H1N1 (A/Victoria/2570/2019)/ (A/Wisconsin/588/2019) NP H2N2 (A/Ann Arbor/6/1960) NP H3N2 (A/Aichi/2/1968) NP H3N2 (A/Cambodia/e0826360/2020 (H3N2)-like NP H3N2 (A/Hong Kong/1/1968) NP H3N2 (A/Hong Kong/2671/2019) NP H3N2 (A/Hong Kong/45/2019) NP H3N2 (A/Hong Kong/4801/2014) NP H3N2 (A/Kansas/14/2017) NP H3N2 (A/Switzerland/9715293/2013) NP H7N9 (A/Anhui/1-BALF_RG6/2013) NP H7N9 (A/Shanghai/2/2013) NP No cross-reactivity in ELISA with: SARS-CoV-2 Nucleocapsid Protein HCoV-229E Nucleocapsid Protein HCoV-NL63 Nucleocapsid Protein HCoV-HKU1 Nucleocapsid Protein HCoV-OC43 Nucleocapsid Protein |
| Specificity/Sensitivity | Widely recognize Influenza B Nucleoprotein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Immunogen               | This antibody was obtained from a rabbit immunized with purified, recombinant Influenza B (Accession#: ACF54251.1; Met1-Tyr560).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

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| <b>Notes</b> | Alexa Fluor (R) products are provided under an intellectual property license from Life Technologies Corporation. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment; (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than as described above, contact Life Technologies Corporation, 5791 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@lifetech.com. 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. |
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| <b>Product Application Details</b> |                                                                        |
|------------------------------------|------------------------------------------------------------------------|
| <b>Applications</b>                | Western Blot, ELISA                                                    |
| <b>Recommended Dilutions</b>       | Western Blot, ELISA                                                    |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined. |



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### **Products Related to NBP3-12755AF350**

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|                 |                                               |
|-----------------|-----------------------------------------------|
| NBP2-24891AF350 | Rabbit IgG Isotype Control [Alexa Fluor® 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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