

# Product Datasheet

## Influenza A nucleoprotein Antibody (010) [Alexa Fluor® 647] NBP3-12741AF647

Unit Size: 100 ul

Store at 4C in the dark.

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Updated 11/12/2023 v.20.1

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**NBP3-12741AF647**

Influenza A nucleoprotein Antibody (010) [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                   | 010                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Preservative            | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Isotype                 | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Conjugate               | Alexa Fluor 647                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity                  | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Buffer                  | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Product Description     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Host                    | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Species                 | Influenza A Virus H3N2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Reactivity Notes        | <p>Pan Influenza A<br/>         Has cross-reactivity in ELISA with:<br/>         H1N1 (A/Brevig Mission/1/1918) NP<br/>         H1N1 (A/Brisbane/02/2018) NP<br/>         H1N1 (A/California/07/2009) NP<br/>         H1N1 (A/Guangdong-Maonan/SWL1536/2019) NP<br/>         H1N1 (A/Hawaii/70/2019) NP<br/>         H1N1 (A/Michigan/45/2015) NP<br/>         H1N1 (A/Puerto Rico/8/34/Mount Sinai) NP (I116M)<br/>         H1N1 (A/Victoria/2570/2019)/(A/Wisconsin/588/2019) NP<br/>         H2N2 (A/Ann Arbor/6/1960) NP<br/>         H3N2 (A/Aichi/2/1968) NP<br/>         H3N2 (A/Cambodia/e0826360/2020 (H3N2)-like) NP<br/>         H3N2 (A/Hong Kong/1/1968) NP<br/>         H3N2 (A/Hong Kong/2671/2019) NP<br/>         H3N2 (A/Hong Kong/45/2019) NP<br/>         H3N2 (A/Hong Kong/4801/2014) NP<br/>         H3N2 (A/Kansas/14/2017) NP<br/>         H3N2 (A/Switzerland/9715293/2013) NP<br/>         H7N9 (A/Anhui/1-BALF_RG6/2013) NP<br/>         H7N9 (A/Shanghai/2/2013) NP<br/>         Influenza B (B/Phuket/3073/2013) NP<br/>         Influenza B (B/Brisbane/60/2008) NP<br/>         Influenza B (B/Colorado/06/2017) NP<br/>         No cross-reactivity in ELISA with:<br/>         Influenza B (B/Florida/4/2006) NP<br/>         Influenza B (B/Washington/02/2019) NP<br/>         SARS-CoV-2 Nucleocapsid Protein<br/>         HCoV-229E Nucleocapsid Protein<br/>         HCoV-NL63 Nucleocapsid Protein<br/>         HCoV-HKU1 Nucleocapsid Protein<br/>         HCoV-OC43 Nucleocapsid Protein</p> |
| Specificity/Sensitivity | Widely recognize Influenza A Nucleoprotein                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Immunogen               | This antibody was obtained from a rabbit immunized with purified, recombinant Influenza A H3N2 (Uniprot#: P22435.2; Met1-Asn498).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |



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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 NBP3-12741AF647**

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|                 |                                               |
|-----------------|-----------------------------------------------|
| NBP2-24891AF647 | Rabbit IgG Isotype Control [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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