

# Product Datasheet

## Influenza B Hemagglutinin Antibody (10H6C8G4) [Alexa Fluor® 647] NBP3-06569AF647

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-06569AF647**

Influenza B Hemagglutinin Antibody (10H6C8G4) [Alexa Fluor® 647]

| 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               | 10H6C8G4                                                                                    |
| Preservative        | 0.05% Sodium Azide                                                                          |
| Isotype             | IgG1                                                                                        |
| Conjugate           | Alexa Fluor 647                                                                             |
| Purity              | Protein A purified                                                                          |
| Buffer              | 50mM Sodium Borate                                                                          |

| Product Description |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Species             | Virus                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reactivity Notes    | No cross-reactivity in ELISA with:<br><br>H1N1 (A/Brisbane/59/2007) HA<br>H2N2 (A/Canada/720/2005) HA<br>H3N2 (A/Brisbane/10/2007) HA<br>H4N4 (A/mallard/Ohio/657/2002) HA<br>H5N1 (A/Anhui/1/2005) HA<br>H5N8 (A/northern shoveler/California/HKWF115/2007) HA<br>H7N7 (A/Netherlands/219/03) HA<br>H8N4 (A/pintail duck/Alberta/114/1979) HA<br>H9N2 (A/Hong Kong/1073/99) HA<br>H10N3 (A/duck/Hong Kong/786/1979) HA<br>H11N2 (A/duck/Yangzhou/906/2002) HA<br>H12N5 (A/green-winged teal/ALB/199/1991) HA<br>H13N8 (A/black-headed gull/Netherlands/1/00) HA<br>H15N8 (A/duck/AUS/341/1983) HA<br>H16N3 (A/black-headed gull/Sweden/5/99) HA |



|                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specificity/Sensitivity</b> | <p>Has cross-reactivity in ELISA with:</p> <p>Influenza B (B/Brisbane/60/2008) HA<br/> Influenza B (B/Colorado/06/2017) HA<br/> Influenza B (B/PHUKET/3073/2013) HA<br/> Influenza B (B/Washington/02/2019) HA</p> <p>No cross-reactivity in ELISA with:</p> <p>H1N1 (A/Brisbane/02/2018) HA<br/> H1N1 (A/Brisbane/59/2007) HA<br/> H1N1 (A/California/04/2009) HA<br/> H1N1 (A/California/07/2009) HA<br/> H1N1 (A/Guangdong-Maonan/SWL1536/2019) / (A/Hawaii/70/2019) HA<br/> H1N1 (A/Michigan/45/2015) HA<br/> H1N1 (A/Puerto Rico/8/1934) HA<br/> H1N1 (A/Wisconsin/588/2019) / (A/Victoria/2570/2019) HA<br/> H2N2 (A/Canada/720/2005) HA<br/> H3N2 (A/Brisbane/10/2007) HA<br/> H3N2 (A/Cambodia/e0826360/2020) HA<br/> H3N2 (A/Hong Kong/2671/2019) HA<br/> H3N2 (A/Hong Kong/45/2019) HA<br/> H3N2 (A/Hong Kong/4801/2014) HA<br/> H3N2 (A/Kansas/14/2017) HA<br/> H3N2 (A/Singapore/INFIMH-16-0019/2016) HA<br/> H3N2 (A/Switzerland/9715293/2013) HA<br/> H4N4 (A/mallard/Ohio/657/2002) HA<br/> H5N1 (A/Anhui/1/2005) HA<br/> H5N8 (A/northern shoveler/California/HKWF115/2007) HA<br/> H7N7 (A/Netherlands/219/03) HA<br/> H8N4 (A/pintail duck/Alberta/114/1979) HA<br/> H9N2 (A/Hong Kong/1073/99) HA<br/> H10N3 (A/duck/Hong Kong/786/1979) HA<br/> H11N2 (A/duck/Yangzhou/906/2002) HA<br/> H12N5 (A/green-winged teal/ALB/199/1991) HA<br/> H13N8 (A/black-headed gull/Netherlands/1/00) HA<br/> H15N8 (A/duck/AUS/341/1983) HA<br/> H16N3 (A/black-headed gull/Sweden/5/99) HA</p> |
| <b>Immunogen</b>               | <p>This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Influenza B Hemagglutinin (Accession#: ACA33493.1; Met 1-Ala 555).</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Product Application Details |                                                                        |
|-----------------------------|------------------------------------------------------------------------|
| Applications                | Western Blot, ELISA                                                    |
| Recommended Dilutions       | Western Blot, ELISA                                                    |
| Application Notes           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NBP3-06569AF647**

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|                     |                                                     |
|---------------------|-----------------------------------------------------|
| NBP1-97005AF647     | Mouse IgG1 Isotype Control (MG1) [Alexa Fluor® 647] |
| NBP3-11657-15Plates | Influenza B Hemagglutinin Antibody Pair [HRP]       |

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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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