

# Product Datasheet

## Influenza A H1N1 Hemagglutinin Antibody (2F1A7) [DyLight 650] NBP3-06443C

Unit Size: 0.1 ml

Store at 4C in the dark.

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**NBP3-06443C**

Influenza A H1N1 Hemagglutinin Antibody (2F1A7) [DyLight 650]

| 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               | 2F1A7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Preservative        | 0.05% Sodium Azide                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Isotype             | IgG1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Conjugate           | DyLight 650                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity              | Protein A purified                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Buffer              | 50mM Sodium Borate                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Product Description |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Host                | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Species             | Influenza A Virus H1N1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Reactivity Notes    | No cross-reactivity in ELISA with:<br><br>H1N1 (A/California/07/2009) HA<br>H1N1 (A/California/04/2009) HA<br>H1N1 (A/California/04/2009) HA1<br>H1N1 (A/Brisbane/59/2007) HA<br>H1N1 (A/Brisbane/59/2007) HA1<br>H1N1 (A/BrevigMission/1/1918) HA<br>H1N1 (A/Solomon Islands/3/2006)<br>H1N1 (A/Ohio/UR06-0091/2007) HA<br>H1N1 (A/New Caledonia/20/1999) HA<br>H1N1 (A/WSN/1933) HA<br>H1N2 (A/swine/Guangxi/13/2006) HA<br>H1N3 (A/duck/NZL/160/1976)<br>H5N1 (A/Anhui/1/2005) HA<br>H5N1 (A/Anhui/1/2005) HA2 |



|                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Specificity/Sensitivity</b>     | <p>No cross-reactivity in ELISA with:</p> <p>H1N1 (A/BrevigMission/1/1918) HA<br/> H1N1 (A/Brisbane/02/2018) HA<br/> H1N1 (A/Brisbane/59/2007) HA<br/> H1N1 (A/Brisbane/59/2007) HA1<br/> H1N1 (A/California/04/2009) HA<br/> H1N1 (A/California/04/2009) HA1<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/New Caledonia/20/1999) HA<br/> H1N1 (A/Ohio/UR06-0091/2007) HA<br/> H1N1 (A/Solomon Islands/3/2006)<br/> H1N1 (A/Wisconsin/588/2019) / (A/Victoria/2570/2019) HA<br/> H1N1 (A/WSN/1933) HA<br/> H1N2 (A/swine/Guangxi/13/2006) HA<br/> H1N3 (A/duck/NZL/160/1976)<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/> H5N1 (A/Anhui/1/2005) HA<br/> H5N1 (A/Anhui/1/2005) HA2<br/> Influenza B (B/Brisbane/60/2008) HA<br/> Influenza B (B/Colorado/06/2017) HA<br/> Influenza B (B/Florida/4/2006) HA<br/> Influenza B (B/PHUKET/3073/2013) HA<br/> Influenza B (B/Washington/02/2019) HA</p> |
| <b>Immunogen</b>                   | 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 A H1N1 (Accession#: ABD77675.1; Met 1-Gln 528).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Notes</b>                       | DyLight (R) is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Product Application Details</b> |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Applications</b>                | Western Blot, ELISA, Sandwich ELISA Detection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Recommended Dilutions</b>       | Western Blot, ELISA, Sandwich ELISA Detection                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |



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### **Products Related to NBP3-06443C**

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|                 |                                                                               |
|-----------------|-------------------------------------------------------------------------------|
| NBP1-97005C     | Mouse IgG1 Isotype Control (MG1) [DyLight 650]                                |
| NBP1-99041-50ug | Recombinant Influenza A H1N1 Hemagglutinin (A/New York/3571/2009) His Protein |
| NBP2-80333      | Influenza A H1N1 Hemagglutinin 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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