

# Product Datasheet

## Influenza A H1N1 Hemagglutinin Antibody (2F1A7) - Azide and BSA Free NBP3-06443-100ul

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-06443-100ul**

Influenza A H1N1 Hemagglutinin Antibody (2F1A7) - Azide and BSA Free

Product Information	
Unit Size	100 ul
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2F1A7
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A purified
Buffer	0.2 um filtered solution in PBS

Product Description	
Description	This antibody can be stored at 2C-8C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20C to -80C. Avoid repeated freeze-thaw cycles.
Host	Mouse
Species	Influenza A Virus H1N1

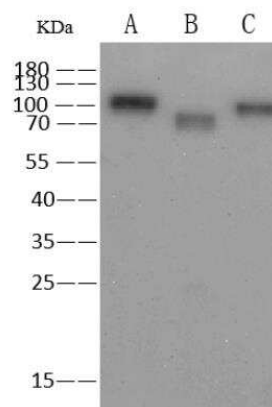


<b>Specificity/Sensitivity</b>	<p>No cross-reactivity in ELISA with:</p> <p>H1N1 (A/BrevigMission/1/1918) HA  H1N1 (A/Brisbane/02/2018) HA  H1N1 (A/Brisbane/59/2007) HA  H1N1 (A/Brisbane/59/2007) HA1  H1N1 (A/California/04/2009) HA  H1N1 (A/California/04/2009) HA1  H1N1 (A/California/07/2009) HA  H1N1 (A/Guangdong-Maonan/SWL1536/2019) / (A/Hawaii/70/2019) HA  H1N1 (A/Michigan/45/2015) HA  H1N1 (A/New Caledonia/20/1999) HA  H1N1 (A/Ohio/UR06-0091/2007) HA  H1N1 (A/Solomon Islands/3/2006)  H1N1 (A/Wisconsin/588/2019) / (A/Victoria/2570/2019) HA  H1N1 (A/WSN/1933) HA  H1N2 (A/swine/Guangxi/13/2006) HA  H1N3 (A/duck/NZL/160/1976)  H3N2 (A/Brisbane/10/2007) HA  H3N2 (A/Cambodia/e0826360/2020) HA  H3N2 (A/Hong Kong/2671/2019) HA  H3N2 (A/Hong Kong/45/2019) HA  H3N2 (A/Hong Kong/4801/2014) HA  H3N2 (A/Kansas/14/2017) HA  H3N2 (A/Singapore/INFIMH-16-0019/2016) HA  H3N2 (A/Switzerland/9715293/2013) HA  H5N1 (A/Anhui/1/2005) HA  H5N1 (A/Anhui/1/2005) HA2  Influenza B (B/Brisbane/60/2008) HA  Influenza B (B/Colorado/06/2017) HA  Influenza B (B/Florida/4/2006) HA  Influenza B (B/PHUKET/3073/2013) HA  Influenza B (B/Washington/02/2019) 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 A H1N1 (Accession#: ABD77675.1; Met 1-Gln 528).</p>

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Sandwich ELISA Detection
<b>Recommended Dilutions</b>	Western Blot 1:500-1:1000, ELISA 1:1000-1:2000, Sandwich ELISA Detection 1:1000-1:10000
<b>Application Notes</b>	<p>Western Blot: Using a DAB detection system, the detection limit for Influenza A H1N1 (A/Puerto Rico/8/1934) hemagglutinin is approximately 8 ng/lane under non-reducing conditions. Use of this antibody under reducing conditions is not recommended. This antibody will detect Influenza A H1N1 Hemagglutinin (A/Puerto Rico/8/34) in ELISA pair set (NBP2-79358). In a sandwich ELISA, it can be used as a capture antibody when paired with (NBP3-30994).</p>

## Images

Western Blot: Influenza A H1N1 Hemagglutinin Antibody (2F1A7) [NBP3-06443] - Anti- Influenza A H1N1 Hemagglutininmouse monoclonal antibody at 1:1000 dilution. Sample: Reocombinant Protein 10 ng Lane A: H3N2 (A/Darwin/9/2021) HA Protein Lane B: H3N2 (A/Darwin/9/2021) HA Protein Lane C: H3N2 (A/Darwin/6/2021) HA Protein Secondary Goat Anti-Mouse IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions.





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### **Products Related to NBP3-06443-100ul**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP1-99041-50ug	Recombinant Influenza A H1N1 Hemagglutinin (A/New York/3571/2009) His Protein

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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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