# Product Datasheet

## Influenza A H1N1/H3N2 M1 Antibody (GA2B) - (A/Puerto Rico/8/1934), (A/Bangkok/1/1979) - BSA Free NB100-66552

Unit Size: 0.5 mg

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

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**Publications: 16**

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# NB100-66552

Influenza A H1N1/H3N2 M1 Antibody (GA2B) - (A/Puerto Rico/8/1934), (A/Bangkok/1/1979) - BSA Free

| Product Information | |
|---|---|
| **Unit Size** | 0.5 mg |
| **Concentration** | 1.0 mg/ml |
| **Storage** | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| **Clonality** | Monoclonal |
| **Clone** | GA2B |
| **Preservative** | <0.1% Sodium Azide |
| **Isotype** | IgG1 |
| **Purity** | Protein A purified |
| **Buffer** | PBS |

| Product Description | |
|---|---|
| **Description** | Novus Biologicals Mouse Influenza A H1N1/H3N2 M1 Antibody (GA2B) - (A/Puerto Rico/8/1934), (A/Bangkok/1/1979) - BSA Free (NB100-66552) is a monoclonal antibody validated for use in IHC and WB. Anti-Influenza A H1N1/H3N2 M1 Antibody: Cited in 16 publications. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| **Host** | Mouse |
| **Species** | Virus |
| **Specificity/Sensitivity** | Influenza A H1N1/H3N2 M1. (A/Puerto Rico/8/1934) (A/Bangkok/1/1979). Recognizes an epitope within the Influenza A matrix protein. |
| **Immunogen** | Influenza A / Puerto Rico / 8 / 34 (H1N1) and A/Bangkok / 1 / 79 (H3N2) viruses |

| Product Application Details | |
|---|---|
| **Applications** | Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry |
| **Recommended Dilutions** | Western Blot 1:100-1:2000, Immunohistochemistry 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500 |

## Publications


Das, SC et al. The Highly Conserved Arginine Residues at Positions 76 through 78 of Influenza A Virus Matrix Protein M1 Play an Important Role in Viral Replication by Affecting the Intracellular Localization of M1. J Virol 86: 1522-30. 2012-01-01 [PMID: 22090133]

Liu, YV et al. Chimeric severe acute respiratory syndrome coronavirus (SARS-CoV) S glycoprotein and influenza matrix 1 efficiently form virus-like particles (VLPs) that protect mice against challenge with SARS-CoV. Vaccine 29: 6606-13. 2011-01-01 [PMID: 21762752]

Eierhoff, T et al. The epidermal growth factor receptor (EGFR) promotes uptake of influenza A viruses (IAV) into host cells. PLoS Pathog. 6. pii: e1001099. 2010-01-01 [PMID: 20844577]

Luig, C et al. MAP kinase-activated protein kinases 2 and 3 are required for influenza A virus propagation and act via inhibition of PKR. FASEB J 24: 4068-77. 2010-01-01 [PMID: 20484669]

Wang, D et al. The lack of an inherent membrane targeting signal is responsible for the failure of the matrix (M1) protein of influenza A virus to bud into virus-like particles. J Virol 84: 4673-81. 2010-01-01 [PMID: 20181696]

Schmolke, M et al. Essential impact of NF-kappaB signaling on the H5N1 influenza A virus-induced transcriptome. J Immunol 183: 5180-9. 2009-01-01 [PMID: 19786538]

Kirkeby, S et al. Infection with human H1N1 influenza virus affects the expression of sialic acids of metaplastic mucous cells in the ferret airways. Virus Res 144: 225-32. 2009-01-01 [PMID: 19447147]

Kang, SM et al. Induction of long-term protective immune responses by influenza H5N1 virus-like particles. PLoS One 4: e4667. 2009-01-01 [PMID: 19252744]

Pauli, EK et al. Influenza A virus inhibits type I IFN signaling via NF-kappaB-dependent induction of SOCS-3 expression. PLoS Pathog 4(11): e1000196. 2008-01-01 [PMID: 18989459]

Yamamoto, Y et al. Avian influenza virus (H5N1) replication in feathers of domestic waterfowl. Emerg Infect Dis 14: 149-51. 2008-01-01 [PMID: 18258095]

Latham, T et al. Formation of wild-type and chimeric influenza virus-like particles following simultaneous expression of only four structural proteins. J Virol75: 6154 - 6165. 2001-01-01 [PMID: 11390617]

Reinhardt, J Wolff, T. The influenza A virus M1 protein interacts with the cellular receptor of activated C kinase (RACK) 1 and can be phosphorylated by protein kinase C. Vet Microbiol 74: 87-100. 2000-01-01 [PMID: 10799781]


More publications at http://www.novusbio.com/NB100-66552

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## Products Related to NB100-66552

| | |
|---|---|
| NBP2-33376H | Blue Marker Antibody (6F4-F6) [HRP] |
| HAF007 | Goat anti-Mouse IgG Secondary Antibody [HRP] |
| NB7539 | Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP] |
| NBP1-97005-0.5mg | Mouse IgG1 Isotype Control (MG1) |

### 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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