Product Datasheet

Influenza A H1N1 M2 Antibody (14C2) - (A/WSN/1933) NB100-2073

Unit Size: 100ug

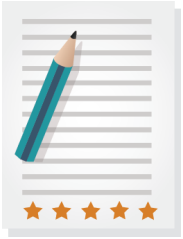
Store at -20C. Avoid freeze-thaw cycles.

www.novusbio.com technical@novusbio.com

Publications: 8

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB100-2073

Updated 9/9/2025 v.20.1



NB100-2073

Influenza A H1N1 M2 Antibody (14C2) - (A/WSN/1933)

Product Information

Unit Size	100ug
Concentration	1 mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	14C2
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS with 1 mg/ml BSA

Product Description

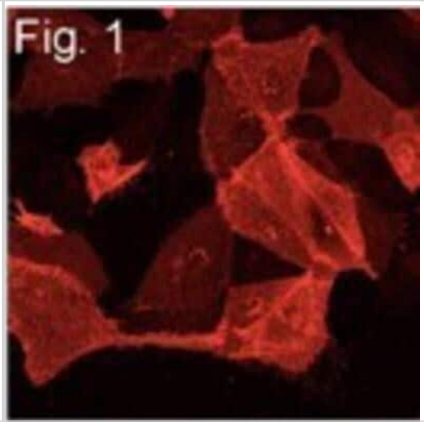
Description	Novus Biologicals Mouse Influenza A H1N1 M2 Antibody (14C2) - (A/WSN/1933) (NB100-2073) is a monoclonal antibody validated for use in WB, Flow, ICC/IF and IP. Anti-Influenza A H1N1 M2 Antibody: Cited in 8 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Influenza A Virus H1N1
Specificity/Sensitivity	Influenza A H1N1 M2 (A/WSN/1933)
Immunogen	M2 protein from A/WSN/33-infected CV1 cell lysate.

Product Application Details

Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Block/Neutralize
Recommended Dilutions	Western Blot 1 ug/ml, Flow Cytometry 1:10 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 10 ug/ml, Block/Neutralize
Application Notes	Blocking usage reported in literature (PMID: 7571410). WB: Detects an approx. 15 kDa protein representing the M2 protein. It has demonstrated the ability to restrict the replication of some strains of influenza A virus by binding to the extracellular N-Terminal domain. May be useful in IHC.

Images

Immunocytochemistry/Immunofluorescence: Influenza A H1N1 M2 Antibody (14C2) - (A/WSN/1933) [NB100-2073] - Analysis of MDCK cells



Publications

Tsai M, Osman W, Adair J et al. The E3 ligase subunit FBXO45 binds the interferon-λ receptor and promotes its degradation during influenza virus infection The Journal of biological chemistry 2022-11-12 [PMID: 36379255] (WB)

Schmid ET, Pang IK, Carrera Silva EA et al. AXL receptor tyrosine kinase is required for T cell priming and antiviral immunity. Elife 2016-06-28 [PMID: 27350258] (FLOW)

Pan YS, Wei HJ, Chang CC et al. Construction and characterization of insect cell-derived influenza VLP: cell binding, fusion, and EGFP incorporation. J Biomed Biotechnol 2010-01-01 [PMID: 21197092]

Londino JD, Lazrak A, Noah JW et al. Influenza virus M2 targets cystic fibrosis transmembrane conductance regulator for lysosomal degradation during viral infection. FASEB J. 2015-03-20 [PMID: 25795456] (WB, Human)

Pang IK, Pillai PS, Iwasaki A et al. Efficient influenza A virus replication in the respiratory tract requires signals from TLR7 and RIG-I. Proc Natl Acad Sci U S A 2013-08-05 [PMID: 23918369] (FLOW, Virus)

Londino JD, Lazrak A, Jurkuvenaite A et al. Influenza Matrix Protein 2 Alters CFTR Expression and Function through its Ion Channel Activity Am J Physiol Lung Cell Mol Physiol 2013-03-01 [PMID: 23457187] (WB, Human, Xenopus)

Lin SC, Lin YF, Chong P et al. Broader neutralizing antibodies against H5N1 viruses using prime-boost immunization of hyperglycosylated hemagglutinin DNA and virus-like particles. PLoS One. 2012-01-01 [PMID: 22720032] (WB)

Details:
This citation used the HRP form of this antibody.

Wei H-J, Chang W, Lin S-C et al. Fabrication of influenza virus-like particles using M2 fusion proteins for imaging single viruses and designing vaccines. Vaccine. 2011-06-07 [PMID: 21651946]

Novus Biologicals USA
10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada
21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd
19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information
www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB100-2073

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]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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