

Anti-Influenza A [H1N1] Antibody

Catalog # AN2178

Product Information

Application	WB
Host	Rabbit
Clonality	Rabbit Polyclonal
Isotype	IgG

Additional Information

Dilution	WB~~1:1000
Storage	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	Anti-Influenza A [H1N1] Antibody is for research use only and not for use in diagnostic or therapeutic procedures.
Shipping	Blue Ice

Background

Influenzavirus A is a genus of the Orthomyxoviridae family of viruses and is a negative sense, single-stranded, segmented RNA virus. Based on the antigenicity of the glycoproteins, influenza A viruses are subdivided into sixteen H (H1-H16) and nine N (N1-N9) subtypes. A standard nomenclature for influenza virus isolates lists the influenza virus type (A or B), the host species (omitted if human origin), the geographical site, year of isolation, and the HA and NA subtype, for example: A/California/14/2009 (H1N1). The main antigenic determinants of influenza A and B viruses are the hemagglutinin (HA) and neuraminidase (NA) transmembrane glycoproteins. Projections of HA and NA cover the surface of the virus particle. NA forms a tetramer with an average molecular weight of 220 kDa (~55 kDa per monomer). The matrix (M) protein of influenza A virus is one of the two group-specific internal proteins of the virion, The non-structural protein (NP) exists as a homeodimer (molecular weight of 52 kDa) consisting of two identical monomers (each ~26 kDa)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.