

Mouse anti-Influenza A H3N2/HA Monoclonal Antibody | anti-H3N2/HA antibody

H3N2/HA

CATALOG # AAA48292	HOST Mouse	REACTIVITY Influenza A	APPLICATIONS Western Blot, ELISA
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PRODUCT SYNONYMS

H3N2/HA; Monoclonal Antibody; Hemagglutinin; Influenza A virus (A/Perth/16/2009(H3N2) segment 4 hemagglutinin (HA) gene; anti-H3N2/HA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Influenza A
Clonality	Monoclonal
Isotype	IgG1 kappa
Clone Number	AT1B7
Purity/Purification	By protein-G affinity chromatography
Form/Format	Liquid. In Phosphate-Buffered Saline (pH 7.4) with 0.02% Sodium Azide, 10% Glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-H3N2/HA antibody	WB (Western Blot), ELISA
Immunogen	Recombinant Influenza A H3N2/HA (17-345aa) purified from Baculovirus
Conjugation	Unconjugated
Product Note	This product was produced from tissue culture supernatant.
Preparation and Storage	For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

IMAGES



WB (Western Blot)

The recombinant proteins (100ng) were resolved by SDS-PAGE, transferred to PVDF membrane and probed with anti-Influenza A H3N2/HA antibody (1:1000). Proteins were visualized using a goat anti-mouse secondary antibody conjugated to HRP and an ECL detection system.;;Lane 1.: Recombinant Influenza A H1N1/HA protein;;Lane 2.: Recombinant Influenza A H5N2/HA protein;;Lane 3.: Recombinant Influenza A H3N2/HA protein;;

ADDITIONAL INFORMATION

Related Product Information for anti-H3N2/HA antibody	Influenza A virus subtype H3N2, an enveloped virus of the Orthomyxoviridae family, is a respiratory infection in birds and mammals, and is an important cause of human influenza. In birds, humans, and pigs, the virus has mutated into many strains. Its derives from the forms of the two kinds of proteins on the surface of its coat, hemagglutinin (HA) and neuraminidase (NA). Influenza A viruses are further classified into 16HA (H1-H16) and 9NA (N1-N9) serotypes based on the antigenic characteristics of HA and NA envelop glycoprotein. The extent of infection into host organisms are determined by HA, which interacts with cell surface proteins containing oligosaccharides with terminal sialyl residues.
Product Categories/Family for anti-H3N2/HA antibody	Virus
References	Thomas H., et al. (2011) Ann N Y Acad Sci 1217: 178-190.;; Wilson I.A., Cox N.J. (1990) Annu Rev Immunol 8: 737-771.;; Cheng X., et al. (2012) Virology 432(1): 91-98.

NCBI AND UNIPROT INFORMATION

UniProt Accession #	C6KNH7
UniProt Protein Name	Hemagglutinin
UniProt Gene Name	HA
UniProt Entry Name	C6KNH7_9INFA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/h3n2-ha-antibody-clone-at1b7-western-blot-elisa/48292>