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Seasonal H1N1 Hemagglutinin Antibody [7H12F6]

Catalog # ASC12011

Specification

Seasonal H1N1 Hemagglutinin Antibody [7H12F6] - Product Information

Application	**WB, E**
Primary Accession	B0VX44
Other Accession	ACA28844, 168805691
Reactivity	**Virus**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1**
Application Notes	**Hemagglutinin antibody can be used for the detection of the Hemagglutinin protein from the H1N1 strain of Seasonal influenza A in ELISA. It will also detect 2 ng of free peptide at 1 mg/mL and does not cross-react with peptide corresponding to the swine-origin influenza A (S-OIV, H1N1) Hemagglutinin.**

Seasonal H1N1 Hemagglutinin Antibody [7H12F6] - Additional Information

Target/Specificity
HA;

Reconstitution & Storage
Seasonal H1N1 Hemagglutinin monoclonal antibody can be stored at -20℃, stable for one year.

Precautions
Seasonal H1N1 Hemagglutinin Antibody [7H12F6] is for research use only and not for use in diagnostic or therapeutic procedures.

Seasonal H1N1 Hemagglutinin Antibody [7H12F6] - Protein Information

Seasonal H1N1 Hemagglutinin Antibody [7H12F6] - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety

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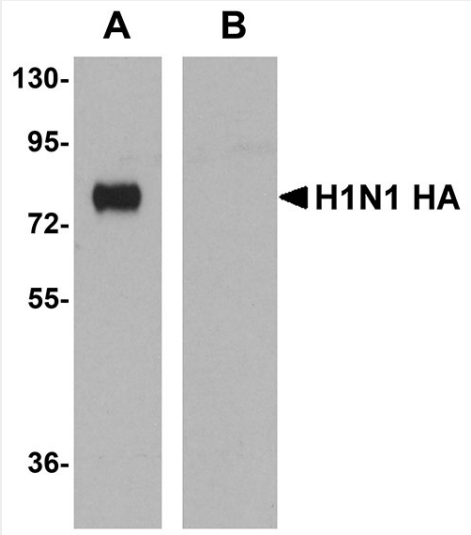
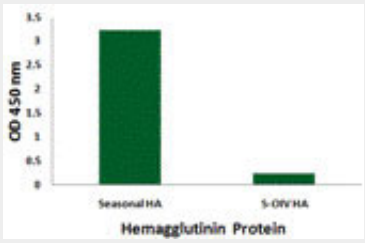
- Cell Culture

Seasonal H1N1 Hemagglutinin Antibody [7H12F6] - Images



Recombinant seasonal Influenza HA (lane A) or swine-origin Influenza HA (lane B) were probed (1 µg/mL) using monoclonal seasonal Influenza A HA.



Seasonal Influenza A Hemagglutinin antibody recognizes seasonal influenza A (H1N1), but not swine-origin influenza A (S-OIV, H1N1), Hemagglutinin protein in ELISA.

Seasonal H1N1 Hemagglutinin Antibody [7H12F6] - Background

Seasonal H1N1 Hemagglutinin Monoclonal Antibody: Influenza A virus has one of sixteen possible Hemagglutinin (HA) surface proteins and one of nine possible Neuraminidase (NA) surface proteins. In early 2009, a novel H1N1 swine-origin influenza (S-OIV) A virus was identified in specimens obtained from patients in Mexico and the United States. The genetic make-up of this swine flu virus is unlike any other: it is an H1N1 strain that combines a triple assortment first identified in 1998 including human, swine, and avian influenza with two new pig H3N2 virus genes from Eurasia, themselves of recent human origin. This antibody is specific for the seasonal H1N1 influenza Hemagglutinin and will not recognize the corresponding Hemagglutinin sequence from the swine-origin H1N1 influenza (A/California/14/2009 (H1N1)).

Seasonal H1N1 Hemagglutinin Antibody [7H12F6] - References

Novel Swine-Origin Influenza A (H1N1) Virus Investigation Team, Dawood FS, Jain S, et al. Emergence of a novel swine-origin influenza A (H1N1) virus in humans. N. Engl. J. Med. 2009; 360:2605-15.
Morens DM, Taubenberger JK, and Fauci AS. The Persistent Legacy of the 1918 Influenza Virus. N. Engl. J. Med. 2009; Jun 29.