

Swine H1N1 Hemagglutinin Antibody [3E9H5]

Catalog # ASC12012

Product Information

Application	E
Primary Accession	C4AL34
Other Accession	ACQ76314 , 229535834
Reactivity	Virus
Host	Mouse
Clonality	Monoclonal
Isotype	IgG2b
Clone Names	3E9H5
Concentration (mg/ml)	1 mg/mL
Conjugate	Unconjugated
Application Notes	This antibody can be used for the detection of the hemagglutinin protein from the H1N1 strain of S-OIV A in ELISA.

Additional Information

Target/Specificity	HA;
Reconstitution & Storage	Swine H1N1 Hemagglutinin monoclonal antibody can be stored at -20°C, stable for one year.
Precautions	Swine H1N1 Hemagglutinin Antibody [3E9H5] is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Background

Swine 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 novel swine influenza Hemagglutinin and will not recognize the corresponding Hemagglutinin sequence from the seasonal H1N1 influenza (A/Brisbane/59/2007 (H1N1)).

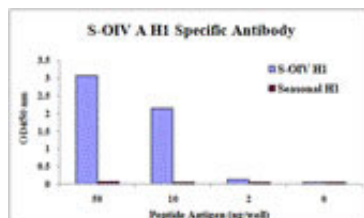
References

Thompson WW, Shay DK, Weintraub E, et al. Mortality associated with influenza and reparatory syncytial virus in the United States. JAMA 2003; 289:179-86.

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;361:225-9.

Images



S-OIV A H1 Antibody specifically recognizes S-OIV H1 peptide, and does not cross-react with peptide corresponding to seasonal influenza A H1 in ELISA.

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