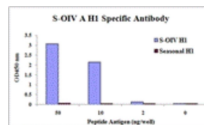




# Swine H1N1 Hemagglutinin Antibody [3E9H5]

Cat. No.: PM-5535



S-OIV A H1 Antibody (Cat. No. PM-5535) specifically recognizes S-OIV H1 peptide, and does not cross-react with peptide corresponding to seasonal influenza A H1 in ELISA.

## Ψ Specifications

<b>HOST SPECIES:</b>	Mouse
<b>SPECIES REACTIVITY:</b>	Virus
<b>IMMUNOGEN:</b>	Mouse monoclonal antibody was raised against a synthetic peptide containing the sequence specific to the novel S-OIV A H1N1 strain hemagglutinin protein.
<b>TESTED APPLICATIONS:</b>	ELISA
<b>APPLICATIONS:</b>	This antibody can be used for the detection of the hemagglutinin protein from the H1N1 strain of S-OIV A in ELISA.

## Ψ Properties

<b>PURIFICATION:</b>	Swine H1N1 Hemagglutinin Monoclonal Antibody is immunoaffinity chromatography purified IgG.
<b>CLONALITY:</b>	Monoclonal
<b>ISOTYPE:</b>	IgG2b
<b>CONJUGATE:</b>	Unconjugated
<b>PHYSICAL STATE:</b>	Liquid

<b>BUFFER:</b>	Swine H1N1 Hemagglutinin Monoclonal Antibody is supplied in PBS containing 0.02% sodium azide.
<b>CONCENTRATION:</b>	1 mg/mL
<b>STORAGE CONDITIONS:</b>	Swine H1N1 Hemagglutinin monoclonal antibody can be stored at -20° C, stable for one year.

## Additional Info

<b>OFFICIAL SYMBOL:</b>	HA
<b>ALTERNATE NAMES:</b>	Swine H1N1 Hemagglutinin Antibody [3E9H5] :
<b>ACCESSION NO.:</b>	ACQ76314
<b>PROTEIN GI NO.:</b>	229535834
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher.

## Background and References

<b>BACKGROUND:</b>	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)).
<b>REFERENCES:</b>	1) 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.
	2) 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.
	3) Morens DM, Taubenberger JK, and Fauci AS. The Persistent Legacy of the 1918 Influenza Virus. N. Engl. J. Med. 2009;361:225-9.

### **ANTIBODIES FOR RESEARCH USE ONLY.**

For additional information, visit ProSci's [Terms & Conditions Page](#).