

Swine H1N1 Hemagglutinin Monoclonal Antibody

Catalog No: #26043

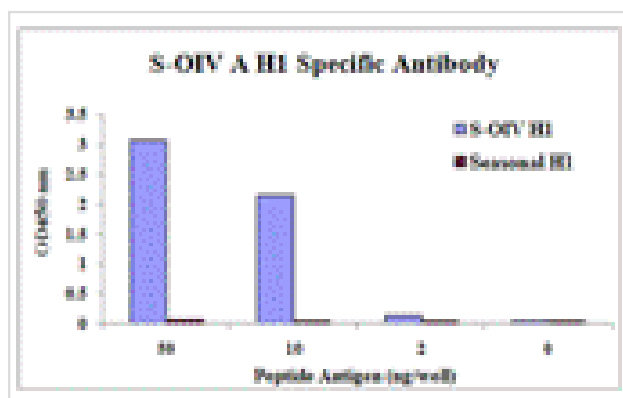
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Description

Product Name	Swine H1N1 Hemagglutinin Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	mAb (Clone 3E9H5)
Purification	Immunoaffinity chromatography purified IgG
Applications	ELISA
Species Reactivity	Virus
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide containing the sequence specific to the novel S-OIV A H1N1 strain hemagglutinin protein.
Target Name	Swine H1N1 Hemagglutinin
Other Names	Swine-Origin Influenza A H1N1 Hemagglutinin (3E9H5): S-OIV A Hemagglutinin, Swine flu H1, HA
Accession No.	Swiss-Prot:C4AL34Gene ID:
Uniprot	C4AL34
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for one year.

Images



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.

Background

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)).

Note: This product is for in vitro research use only