Influenza A H1N1 Hemagglutinin / HA Antibody (Swine Flu 2009), Mouse MAb

Catalog Number: **11055-MM04**

Sino Biological
Biological Solution Specialist

GENERAL INFORMATION	
Immunogen:	Recombinant H1N1 HA protein
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Influenza A virus H1N1 hemagglutinin (HA) extracellular domain. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG1
Clone ID:	9C10B4
Specificity:	H1N1 (A/California/04/2009) HA H1N1 (A/California/07/2009) HA
	Has cross-reactivity in ELISA with H1N1 (A/BrevigMission/1/1918) HA H1N2 (A/swine/Guangxi/13/2006) HA H1N3 (A/duck/NZL/160/1976) HA No cross-reactivity in ELISA with H1N1 (A/Brisbane/59/2007) HA H1N1 (A/Solomon Islands/3/2006) HA H1N1 (A/Ohio/UR06-0091/2007) HA H1N1 (A/New Caledonia/20/1999) HA H1N1 (A/Puerto Rico/8/1934) HA H1N1 (A/WSN/1933) HA H3N2 (A/Brisbane/10/2007) HA H5N1 (A/Anhui/1/2005) HA H5N1 (A/Indonesia/5/2005) HA H5N1 (A/Viet nam/1194/2004) HA H5N1 (A/bar-headed goose/Qinghai/14/2008)HA H5N1 (A/turkey/Turkey/1/2005) HA Influenza B (B/Florida/4/2006) HA
Formulation:	0.2 μm filtered solution in PBS
Storage:	This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.
APPLICATIONS	
Applications:	ELISA,IHC-P,FCM,ICC/IF,IF,IP
	(Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.)
RECOMMENDED CONCENTRATION	
ELISA	ELISA: 1:1000-1:2000 This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect H1N1 HA.

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