

Influenza A H5N1 (Avian Flu) Hemagglutinin / HA Antibody, Mouse MAb

Catalog Number: 11048-MM04



Sino Biological
Biological Solution Specialist

GENERAL INFORMATION

Immunogen:	Recombinant H5N1 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 H5N1 (Avian Flu) hemagglutinin extracellular domain. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG1
Clone ID:	1C6F8H10
Specificity:	H5N1 (A/Anhui/1/2005) HA Has cross-reactivity in ELISA with H5N1 (A/Indonesia/5/2005) HA H5N1 (A/turkey/Turkey/1/2005) HA H5N1 (A/Common magpie/Hong Kong/2256/2006) HA No cross-reactivity in ELISA with H1N1 (A/California/04/2009) HA H1N1 (A/Brisbane/59/2007) HA H3N2 (A/Brisbane/10/2007) HA Influenza B (B/Florida/4/2006) HA H5N1 (A/Viet Nam/1203/2004) HA H5N1 (A/Hong Kong/483/97) HA H5N1 (A/bar-headed goose/Qinghai/14/2008) HA H5N1 (A/Egypt/N05056/2009) HA H5N1 (A/chicken/India/NIV33487/2006) HA H5N1 (A/duck/Hunan/795/2002) HA H5N1 (A/whooper swan/mongolia/244/2005) HA H5N1 (A/goose/Guiyang/337/2006) HA H5N1 (A/Cambodia/R0405050/2007) HA H5N1 (A/Egypt/2321-NAMRU3/2007) HA H5N3 (A/duck/Hokkaido/167/2007) HA H5N8 (A/duck/NY/191255-59/2002) HA Human cell lysate (293 cell line)
Formulation:	0.2 µm filtered solution in PBS
Storage:	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Alternative Names:	Hemagglutinin,HA

APPLICATIONS

Applications:	WB,ELISA IHC, FCM, IF, IP et al. applications haven't been validated. (Antibody's applications haven't been validated with corresponding virus positive samples. Optimal concentrations/dilutions should be determined by the end user.)
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RECOMMENDED CONCENTRATION

Western Blot	This antibody can be used at 1:500-1:1000 with the appropriate secondary reagents to detect H5N1 HA in WB.
ELISA	ELISA: 1:1000-1:2000 This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect H5N1 HA.

Please Note: Optimal concentrations/dilutions should be determined by the end user.