

Influenza A H4N6 Hemagglutinin / HA Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 11714-MM05

GENERAL INFORMATION	
Immunogen:	Recombinant H4N6 HA protein (Catalog#11714-V08H)
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 H4N6 Hemagglutinin. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG1
Clone ID:	3E10B1
Specificity:	H4N6 (A/mallard/Ohio/657/2002) HA Has cross-reactivity in ELISA with H2N2 (A/Canada/720/2005) HA No cross-reactivity in ELISA with H1N1 (A/California/07/2009) HA H3N2 (A/Brisbane/10/2007) HA H5N1 (A/Anhui/1/2005) HA H4N6 (A/Swine/Ontario/01911-1/99) HA H6N1 (A/northern shoveler/California/HKWF115/2007) HA H7N7 (A/chicken/Netherlands/1/03) HA H8N4 (A/pintail duck/Alberta/114/1979) HA H9N2 (A/Hong Kong/1073/99) HA H10N3 (A/duck/Hong Kong/786/1979) HA H11N2 (A/duck/Yangzhou/906/2002) HA H12N5 (A/green-winged teal/ALB/199/1991) HA H13N8 (A/black-headed gull/Netherlands/1/00) HA H16N3 (A/black-headed gull/Sweden/5/99) HA Influenza B (B/Florida/4/2006) HA
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,ELISA(Det),IHC-P,FCM,ICC/IF,IP (Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.)
RECOMMENDED CONCENTRATION	
Western Blot	This antibody can be used at 1:500-1:1000 with the appropriate secondary reagents to detect H4N6 HA in WB. Using a DAB detection system, the detection limit for H4N6 HA is approximately 4 ng/lane under non-reducing conditions and 20 ng/lane under reducing conditions.
ELISA	ELISA: 1:1000-1:2000 This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect H4N6 HA.
Sandwich ELISA (Detection Ab)	ELISA(Det): 1:1000-1:10000 This antibody will detect Influenza A H4N6 (A/mallard/Ohio/657/2002) Hemagglutinin / HA in ELISA pair set (Catalog: # SEK11714). In a sandwich ELISA, it can be used as detection antibody when paired with (Catalog: # 11714-MM03).

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