

# Influenza B Hemagglutinin / HA Antibody, Mouse MAb



Sino Biological  
Biological Solution Specialist

Catalog Number: 11053-MM09

## GENERAL INFORMATION

<b>Immunogen:</b>	Recombinant Influenza B virus HA protein (Catalog#11053-V08H)
<b>Preparation</b>	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 B virus HA (rvHA; Catalog#11053-V08H; ACA33493.1; Met 1-Ala 555). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
<b>Ig Type:</b>	Mouse IgG2b
<b>Clone ID:</b>	10A6E9C7
<b>Specificity:</b>	Influenza B (B/Florida/04/06) HA  No cross-reactivity in ELISA with H1N1 (A/Brisbane/59/2007) HA H2N2 (A/Canada/720/2005) HA H3N2 (A/Brisbane/10/2007) HA H4N4 (A/mallard/Ohio/657/2002) HA H5N1 (A/Anhui/1/2005) HA H5N8 (A/northern shoveler/California/HKWF115/2007) HA H7N7 (A/Netherlands/219/03) 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 H15N8 (A/duck/AUS/341/1983) HA H16N3 (A/black-headed gull/Sweden/5/99) HA
<b>Formulation:</b>	0.2 µm filtered solution in PBS
<b>Storage:</b>	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. 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

<b>Applications:</b>	ELISA,ELISA(Cap),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

<b>ELISA</b>	ELISA: 1:1000-1:2000 This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect influenza B virus HA.
<b>Sandwich ELISA (Capture Ab)</b>	ELISA(Cap): 1:250-1:2000 This antibody will detect Influenza B (B/Florida/04/06) HA in ELISA pair set (Catalog: # SEK11053). In a sandwich ELISA, it can be used as capture antibody.

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