

Influenza B Hemagglutinin / HA Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 11053-MM09

GENERAL INFORMATION	
Immunogen:	Recombinant Influenza B virus HA protein (Catalog#11053-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 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.
Ig Type:	Mouse IgG2b
Clone ID:	10A6E9C7
Specificity:	Influenza B (B/Florida/04/06) HA Has cross-reactivity in ELISA with Influenza B (B/PHUKET/3073/2013) HA No cross-reactivity in ELISA with H1N1 (A/Brisbane/02/2018) HA H1N1 (A/Brisbane/59/2007) HA H1N1 (A/California/04/2009) HA H1N1 (A/California/07/2009) HA H1N1 (A/Guangdong-Maonan/SWL1536/2019) / (A/Hawaii/70/2019) HA H1N1 (A/Michigan/45/2015) HA H1N1 (A/Puerto Rico/8/1934) HA H1N1 (A/Wisconsin/588/2019) / (A/Victoria/2570/2019) HA H2N2 (A/Canada/720/2005) HA H3N2 (A/Brisbane/10/2007) HA H3N2 (A/Cambodia/e0826360/2020) HA H3N2 (A/Hong Kong/2671/2019) HA H3N2 (A/Hong Kong/45/2019) HA H3N2 (A/Hong Kong/4801/2014) HA H3N2 (A/Kansas/14/2017) HA H3N2 (A/Singapore/INFIMH-16-0019/2016) HA H3N2 (A/Switzerland/9715293/2013) 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 Influenza B (B/Brisbane/60/2008) HA Influenza B (B/Colorado/06/2017) HA Influenza B (B/Washington/02/2019) 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

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Tel: 215-583-7898 (US); +86-400-890-9989(Global) ●

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GENERAL INFORMATION	
APPLICATIONS	
Applications:	ELISA,ELISA(Cap)
	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.)
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 influenza B virus HA.
Sandwich ELISA (Capture Ab)	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.