

Influenza A H3N2 Hemagglutinin / HA Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 11056-MM05

GENERAL INFORMATION	
Immunogen:	Recombinant H3N2 HA protein (Catalog#11056-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 H3N2 Hemagglutinin. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG1
Clone ID:	3D6B3F5
Specificity:	H3N2 (A/Brisbane/10/2007) HA
	<p>Has cross-reactivity in ELISA with H3N2 (A/Hong Kong/4801/2014) HA H3N2 (A/Kansas/14/2017) HA H3N2 (A/Switzerland/9715293/2013) HA H3N2 (A/Wyoming/03/2003) HA</p> <p>Medium/Minimal cross-reactivity in ELISA with H3N2 (A/Cambodia/e0826360/2020) HA H3N2 (A/Hong Kong/2671/2019) HA H3N2 (A/Hong Kong/45/2019) HA H3N2 (A/Singapore/INFIMH-16-0019/2016) HA</p>
	<p>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/Japan/305/1957) HA H3N2 (A/Aichi/2/1968) HA H5N1 (A/Anhui/1/2005) HA H5N1 (A/bar-headed goose/Qinghai/14/2008) HA H5N1 (A/Indonesia/5/2005) HA H5N1 (A/turkey/Turkey/1/2005) HA H5N1 (A/Viet nam/1194/2004) HA H7N7 (A/Netherlands/219/03) HA H9N2 (A/Hong Kong/1073/99) HA Influenza B (B/Brisbane/60/2008) HA Influenza B (B/Colorado/06/2017) HA Influenza B (B/Florida/4/2006) HA Influenza B (B/PHUKET/3073/2013) HA Influenza B (B/Washington/02/2019) HA Human cell lysate (293 cell line)</p>
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.)
RECOMMENDED CONCENTRATION	
Western Blot	This antibody can be used at 1:500-1:1000 with the appropriate secondary reagents to detect H3N2 HA in WB. Using a DAB detection system, the detection limit for H3N2 HA is approximately 20 ng/lane under non-reducing conditions and 8 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 H3N2 HA.

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

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