

Influenza A H1N1 Hemagglutinin / HA Antibody, Mouse MAb

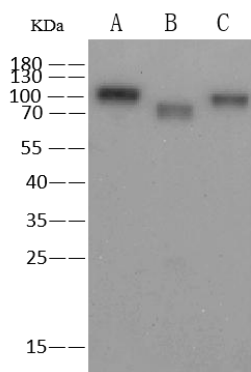


Sino Biological
Biological Solution Specialist

Catalog Number: 11684-MM03

GENERAL INFORMATION	
Immunogen:	Recombinant H1N1 (A/Puerto Rico/8/1934) HA protein (Catalog#11684-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 H1N1 (A/Puerto Rico/8/1934) HA (Catalog#11684-V08H; ABD77675.1; Met 1-Gln 528). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Ig Type:	Mouse IgG1
Clone ID:	2F1A7
Formulation:	0.2 µm filtered solution in PBS with 10% Trehalose, pH7.0
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.
APPLICATIONS	
Applications:	WB, ELISA, ELISA(Det)
	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	WB: 1:500-1:2000
ELISA	ELISA: 1:1000-1:2000 This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect H1N1 (A/Puerto Rico/8/1934) HA.
Sandwich ELISA (Detection Ab)	ELISA(Det): 1:1000-1:10000 This antibody will detect Influenza H1N1 (A/Puerto Rico/8/34) Hemagglutinin / HA in ELISA pair set (Catalog: # SEK11684). In a sandwich ELISA, it can be used as detection antibody when paired with (Catalog: # 11684-MM05).

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



Anti-HA mouse monoclonal antibody at 1:1000 dilution.

Sample: Recombinant Protein 10 ng

Lane A: H3N2 (A/Darwin/9/2021) HA Protein (Cat# 40859-V08H)

Lane B: H3N2 (A/Darwin/9/2021) HA Protein (Cat# 40859-V08B)

Lane C: H3N2 (A/Darwin/6/2021) HA Protein (Cat# 40868-V08H)

Secondary

Goat Anti-Mouse IgG (H+L)/HRP at 1/10000 dilution

Developed using the ECL technique.

Performed under reducing conditions.

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Specificity:	H1N1 (A/Puerto Rico/8/1934) HA
	Has cross-reactivity in ELISA with H1N1 (A/Puerto Rico/8/1934) HA Protein (Cat# 11684-V08H) Has cross-reactivity in WB with H3N2 (A/Darwin/9/2021) HA Protein (Cat# 40859-V08H) H3N2 (A/Darwin/9/2021) HA Protein (Cat# 40859-V08B) H3N2 (A/Darwin/6/2021) HA Protein (Cat# 40868-V08H) No cross-reactivity in ELISA with H1N1 (A/BrevigMission/1/1918) HA H1N1 (A/Brisbane/02/2018) HA H1N1 (A/Brisbane/59/2007) HA H1N1 (A/Brisbane/59/2007) HA1 H1N1 (A/California/04/2009) HA Protein (Cat# 11055-V08H) H1N1 (A/California/04/2009) HA1 H1N1 (A/California/07/2009) HA Protein (Cat# 11085-V08B) H1N1 (A/Guangdong-Maonan/SWL1536/2019) / (A/Hawaii/70/2019) HA H1N1 (A/Michigan/45/2015) HA Protein (Cat# 40567-V08H1) H1N1 (A/New Caledonia/20/1999) HA H1N1 (A/Ohio/UR06-0091/2007) HA H1N1 (A/Solomon Islands/3/2006) H1N1 (A/Victoria/4897/2022) HA Protein (Cat# 40938-V08H) H1N1 (A/Wisconsin/588/2019) / (A/Victoria/2570/2019) HA Protein (Cat# 40787-V08H) H1N1 (A/Wisconsin/67/2022) HA Protein (Cat# 40940-V08H) H1N1 (A/WSN/1933) HA H1N2 (A/swine/Guangxi/13/2006) HA H1N3 (A/duck/NZL/160/1976) HA H3N2 (A/Brisbane/10/2007) HA Protein (Cat# 11056-V08H) H3N2 (A/Cambodia/e0826360/2020) HA H3N2 (A/Darwin/9/2021) HA Protein (Cat# 40859-V08H) H3N2 (A/Darwin/9/2021) HA Protein (Cat# 40859-V08B) H3N2 (A/Darwin/6/2021) HA Protein (Cat# 40868-V08H) H3N2 (A/Darwin/6/2021) HA Protein (Cat# 40868-V08B) H3N2 (A/Hong Kong/1/1968) HA Protein (Cat# 40116-V08B) H3N2 (A/Hong Kong/2671/2019) HA H3N2 (A/Hong Kong/45/2019) HA H3N2 (A/Hong Kong/4801/2014) HA Protein (Cat# 40555-V08B) H3N2 (A/Kansas/14/2017) HA H3N2 (A/Singapore/INFIMH-16-0019/2016) HA H3N2 (A/Switzerland/9715293/2013) HA H5N1 (A/Anhui/1/2005) HA H5N1 (A/Anhui/1/2005) HA2 H5N1 (A/Indonesia/5/2005) HA Protein (Cat# 11060-V08H2) Influenza B (B/Austria/1359417/2021)(Victoria lineage) HA Protein (Cat# 40862-V08H) Influenza B (B/Austria/1359417/2021)(Victoria lineage) HA Protein (Cat# 40862-V08B) Influenza B (B/Brisbane/60/2008) HA Protein (Cat# 40016-V08B) Influenza B (B/Colorado/06/2017) HA Protein (Cat# 40581-V08H) Influenza B (B/Florida/4/2006) HA Protein (Cat# 11053-V08H) Influenza B (B/PHUKET/3073/2013) HA Protein (Cat# 40498-V08B) Influenza B (B/Washington/02/2019) HA Protein (Cat# 40722-V08H)

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