

Influenza A Virus Hemagglutinin / HA Antibody, Rabbit MAb



Catalog Number: 86001-RM01

EliteRmab® is a registered trademark of Sino Biological Inc.

GENERAL INFORMATION

Immunogen:	Recombinant H1N1 HA protein
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Influenza A virus H1N1 Hemagglutinin extracellular domain.
Ig Type:	Rabbit IgG
Clone ID:	2
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	WB: 1:5000-1:20000
ELISA	ELISA: 1:1000-1:2000 This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect H1N1 HA.

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



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GENERAL INFORMATION

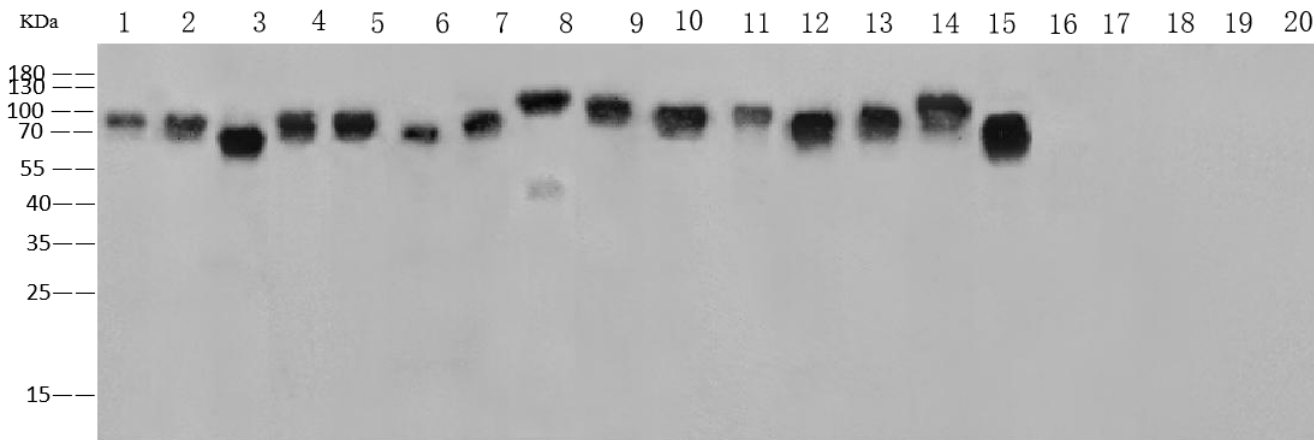
Specificity:	H1N1 (A/California/04/2009) HA H1N1 (A/California/07/2009) HA	
	<p>Has cross-reactivity in ELISA and WB with</p> H1N1 (A/Brisbane/02/2018) HA H1N1 (A/California/04/2009) HA H1N1 (A/California/07/2009) HA H1N1 (A/Guangdong-Maonan/SWL1536/2019) / (A/Hawaii/70/2019) HA H1N1 (A/Michigan/45/2015) HA H1N1 (A/Puerto Rico/8/1934) HA H1N1 (A/Wisconsin/588/2019) / (A/Victoria/2570/2019) HA 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	<p>No cross-reactivity in ELISA and WB with</p> 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
	<p>Has cross-reactivity in ELISA with</p> H1N1 (A/Beijing/22808/2009) HA H1N1 (A/Brevig Mission/1/1918) HA H1N1 (A/Brisbane/59/2007) HA H1N1 (A/England/195/2009) HA H1N1 (A/New Caledonia/20/1999) HA H1N1 (A/New York/18/2009) HA H1N1 (A/Ohio/07/2009) HA H1N1 (A/Ohio/UR06-0091/2007) HA H1N1 (A/Solomon Islands/3/2006) HA H1N1 (A/Texas/05/2009) HA H1N1 (A/WSN/1933) HA H1N2 (A/swine/Guangxi/13/2006) HA H1N3 (A/duck/NZL/160/1976) HA H2N2 (A/Canada/720/2005) HA H2N2 (A/Japan/305/1957) HA H3N2 (A/Aichi/2/1968) HA H3N2 (A/Perth/16/2009) HA H3N2 (A/Wisconsin/67/X-161/2005) HA H3N2 (A/Wyoming/03/2003) HA H4N4 (A/mallard duck/Alberta/299/1977) HA H4N6 (A/mallard/Ohio/657/2002) HA H4N6 (A/Swine/Ontario/01911-1/99) HA H4N8 (A/chicken/Alabama/1/1975) HA H5N1 (A/Anhui/1/2005) HA H5N1 (A/Anhui/1/2005) HA2 Sub-unit H5N1 (A/bar-headed goose/Qinghai/14/2008) HA H5N1 (A/barnswallow/HongKong/D10-1161/2010) HA1 Subunit H5N1 (A/Cambodia/R0405050/2007) HA H5N1 (A/Cambodia/S1211394/2008) HA H5N1 (A/chicken/India/NIV33487/2006) HA H5N1 (A/Common magpie/Hong Kong/2256/2006) HA H5N1 (A/duck/Hunan/795/2002) HA H5N1 (A/Egypt/2321-NAMRU3/2007) HA H5N1 (A/Egypt/N05056/2009) HA H5N1 (A/goose/Guizhou/337/2006) HA H5N1 (A/Hong kong/213/03) HA H5N1 (A/Hong Kong/483/97) HA H5N1 (A/Hubei/2011) HA	<p>No cross-reactivity in ELISA with</p> H1N1 (A/California/04/2009) HA1 Sub-unit, H5N1 (A/Indonesia/5/2005) HA H5N1 (A/Japanese white-eye/Hong Kong/1038/2006) HA H5N1 (A/turkey/Turkey/1/2005) HA H5N1 (A/Viet Nam/1203/2004) HA H5N1 (A/Vietnam/1194/2004) HA H5N1 (A/whooper swan/Mongolia/244/2005) HA H5N1 (A/Xinjiang/1/2006) HA H5N2 (A/American green-winged teal/California/HKWF609/07) HA H5N3 (A/duck/Hokkaido/167/2007) HA H5N8 (A/duck/NY/191255-59/2002) HA H6N1 (A/northern shoveler/California/HKWF115/2007) HA H6N4 (A/chicken/HongKong/17/77) HA H7N7 (A/chicken/Netherlands/1/03) HA H7N7 (A/Netherlands/219/03) HA H7N8 (A/mallard/Netherlands/33/2006) HA H7N9 (A/Anhui/1/2013) HA H7N9 (A/Hangzhou/1/2013) HA H7N9 (A/Hangzhou/3/2013) HA H7N9 (A/Pigeon/Shanghai/S1069/2013) HA H7N9 (A/Shanghai/1/2013) HA H7N9 (A/Shanghai/2/2013) HA H7N9 (A/Shanghai/4664T/2013) HA H7N9 (A/Zhejiang/1/2013) HA H8N4 (A/pintail duck/Alberta/114/1979) HA H9N2 (A/Chicken/Hong Kong/G9/97) HA H9N2 (A/Guinea fowl/Hong Kong/WF10/99) HA H9N2 (A/Hong Kong/1073/99) HA H9N2 (A/Hong Kong/35820/2009) HA H10N3 (A/duck/Hong Kong/786/1979) HA H10N3 (A/mallard/Minnesota/Sg-00194/2007) HA H10N9 (A/duck/HongKong/562/1979) HA H11N2 (A/duck/Yangzhou/906/2002) HA H11N9 (A/mallard/Alberta/294/1977) HA H12N1 (A/mallard duck/Alberta/342/1983) 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

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Anti-HA rabbit monoclonal antibody at 1:5000 dilution.

Sample: Recombinant Protein 10 ng

- Lane 1: H1N1 (A/Brisbane/02/2018) HA (Cat#40719-V08H)
- Lane 2: H1N1 (A/California/04/2009) HA (Cat#11055-V08H)
- Lane 3: H1N1 (A/California/07/2009) HA (Cat#11085-V08B)
- Lane 4: H1N1 (A/Guangdong-Maonan/SWL1536/2019) HA (Cat#40717-V08H)
- Lane 5: H1N1 (A/Michigan/45/2015) HA (Cat#40567-V08H1)
- Lane 6: H1N1 (A/Puerto Rico/8/1934) HA (Cat#11684-V08H)
- Lane 7: H1N1 (A/Wisconsin/588/2019) / (A/Victoria/2570/2019) HA (Cat#40787-V08H)
- Lane 8: H3N2 (A/Brisbane/10/2007) HA (Cat#11056-V08H)
- Lane 9: H3N2 (A/Cambodia/e0826360/2020) HA (Cat#40789-V08H)
- Lane 10: H3N2 (A/Hong Kong/2671/2019) HA (Cat#40721-V08H)
- Lane 11: H3N2 (A/Hong Kong/45/2019) HA (Cat#40765-V08H)
- Lane 12: H3N2 (A/Hong Kong/4801/2014) HA (Cat#40555-V08B)
- Lane 13: H3N2 (A/Kansas/14/2017) HA (Cat#40720-V08H)
- Lane 14: H3N2 (A/Singapore/INFIMH-16-0019/2016) HA (Cat#40580-V08H)
- Lane 15: H3N2 (A/Switzerland/9715293/2013) HA (Cat#40497-V08B)
- Lane 16: Influenza B (B/Brisbane/60/2008) HA (Cat#40016-V08B)
- Lane 17: Influenza B (B/Colorado/06/2017) HA (Cat#40581-V08H)
- Lane 18: Influenza B (B/Florida/4/2006) HA (Cat#11053-V08H)
- Lane 19: Influenza B (B/PHUKET/3073/2013) HA (Cat#40498-V08B)
- Lane 20: Influenza B (B/Washington/02/2019) HA (Cat#40722-V08H)

Secondary

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

Developed using the ECL technique.

Performed under reducing conditions.