

Influenza B Hemagglutinin / HA Antibody, Rabbit MAb



Catalog Number: 11053-R004

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GENERAL INFORMATION					
Immunogen:	Recombinant Influenza B virus HA protein (Catalog#11053-V08H)				
Preparation	This antibody was obtained from a rabbit immunized with purified, recombinant Influenza B Hemagglutinin (Catalog#11053-V08H; ACA33493.1; Met 1-Ala 555).				
Ig Type:	Rabbit IgG				
Clone ID:	004				
Specificity:	Influenza B (B/Florida/04/06) HA				
	<table border="1"> <tr> <td> Has cross-reactivity in ELISA and WB with Influenza B (B/Brisbane/60/2008) HA Influenza B (B/Colorado/06/2017) HA Influenza B (B/PHUKET/3073/2013) HA Influenza B (B/Washington/02/2019) HA </td> <td> Has cross-reactivity in ELISA with H1N1 (A/California/07/2009) HA Medium/Minimal cross-reactivity in ELISA with H3N2 (A/Hong Kong/2671/2019) HA </td> </tr> <tr> <td> No cross-reactivity in ELISA and WB with 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/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 </td> <td> No cross-reactivity in ELISA with H2N2 (A/Canada/720/2005) HA H4N6 (A/mallard/Ohio/657/2002) HA H5N1 (A/Anhui/1/2005) HA H6N1 (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 No cross-reactivity in WB with H3N2 (A/Hong Kong/2671/2019) HA </td> </tr> </table>	Has cross-reactivity in ELISA and WB with Influenza B (B/Brisbane/60/2008) HA Influenza B (B/Colorado/06/2017) HA Influenza B (B/PHUKET/3073/2013) HA Influenza B (B/Washington/02/2019) HA	Has cross-reactivity in ELISA with H1N1 (A/California/07/2009) HA Medium/Minimal cross-reactivity in ELISA with H3N2 (A/Hong Kong/2671/2019) HA	No cross-reactivity in ELISA and WB with 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/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	No cross-reactivity in ELISA with H2N2 (A/Canada/720/2005) HA H4N6 (A/mallard/Ohio/657/2002) HA H5N1 (A/Anhui/1/2005) HA H6N1 (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 No cross-reactivity in WB with H3N2 (A/Hong Kong/2671/2019) HA
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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: 1:5000-1:10000 This antibody can be used at 1:5000-1:10000 with the appropriate secondary reagents to detect influenza B virus HA.				

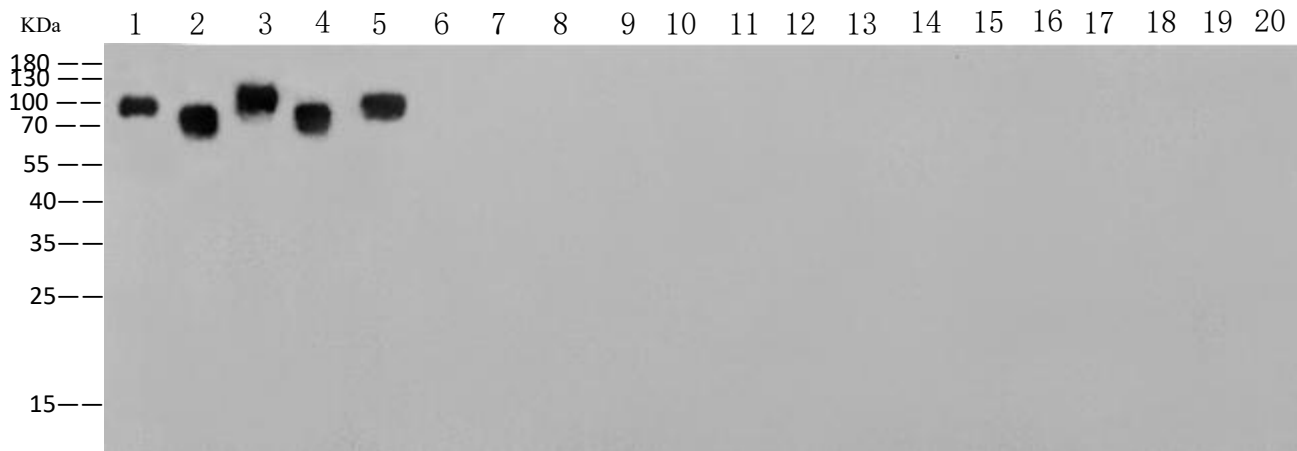
Please Note: Optimal concentrations/dilutions should be determined by the end user.

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Anti-HA rabbit monoclonal antibody at 1:10000 dilution.

Sample: Recombinant Protein 10 ng

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

Secondary

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

Developed using the ECL technique.
Performed under reducing conditions.