

Anti-H7N9 Hemagglutinin / HA Antibody, Mouse MAb



Sino Biological
Biological Solution Specialist

Catalog Number: 11082-MM04

GENERAL INFORMATION	
Ig Type:	Mouse IgG2b
Clone ID:	04
Specificity:	Anti-H7N9 HA / Hemagglutinin
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.
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 1:1000-1:2000 with the appropriate secondary reagents to detect H7N9 (A/Anhui/1/2013) HA and H7N9 (A/Shanghai/1/2013) HA in WB. Using a DAB detection system, the detection limit for both H7N9 (A/Anhui/1/2013) HA and H7N9 (A/Shanghai/1/2013) HA are approximately 100 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 H7N9 (A/Anhui/1/2013) HA and H7N9 (A/Shanghai/1/2013) HA in ELISA.

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

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GENERAL INFORMATION

Specificity: Anti-H7N9 HA / Hemagglutinin

Has cross-reactivity in ELISA with

H7N9 (A/Anhui/1/2013) HA Protein (Cat# 40103-V08B)
H7N9 (A/Shanghai/1/2013) HA Protein (Cat# 40104-V08H)
H7N9 (A/Hangzhou/1/2013) HA Protein (Cat# 40105-V08B)
H7N9 (A/Pigeon/Shanghai/S1069/2013) HA Protein (Cat# 40106-V08H)
H7N9 (A/Hangzhou/3/2013) HA Protein (Cat# 40123-V08B)
H7N9 (A/Zhejiang/1/2013) HA Protein (Cat# 40125-V08B)
H7N9 (A/Shanghai/4664T/2013) HA Protein (Cat# 40126-V08B)
H7N9 (A/Shanghai/2/2013) HA Protein (Cat# 40239-V08H)
H7N9 (A/Zhejiang/DTID-ZJU10/2013) HA Protein (Cat# 40325-V08B)
H7N2 (A/ruddy turnstone/New Jersey/563/2006) HA Protein (Cat# 40170-V08B)
H7N3 (A/turkey/Italy/214845/2002) HA Protein (Cat# 40128-V08B)
H7N7 (A/chicken/Netherlands/1/03) HA Protein (Cat# 11212-V08B)
H7N7 (A/equine/Kentucky/1a/1975) HA Protein (Cat# 40171-V08B)
H7N7 (A/Netherlands/219/2003) HA Protein (Cat# 11082-V08B)
H7N8 (A/mallard/Netherlands/33/2006) HA Protein (Cat# 40172-V08B)
H3N2 (A/Brisbane/10/2007) HA Protein (Cat# 11056-V08H)
H4N6 (A/mallard/Ohio/657/2002) HA Protein (Cat# 11714-V08H)
H10N3 (A/duck/Hong Kong/786/1979) HA Protein (Cat# 11693-V08H)
H13N8 (A/black-headed gull/Netherlands/1/00) HA Protein (Cat# 11721-V08H)

No cross-reactivity in ELISA with

H1N1 (A/Brisbane/59/2007) HA Protein (Cat# 11052-V08H)
H2N2 (A/Canada/720/2005) HA Protein (Cat# 11688-V08H)
H5N1 (A/Anhui/1/2005) HA Protein (Cat# 11048-V08H1)
H6N1 (A/northern shoveler/California/HKWF115/2007) HA Protein (Cat# 11723-V08H)
H7N1 (A/turkey/Italy/4602/99) HA1 Protein (Cat# 40169-V08H1)
H7N7 (A/Netherlands/219/2003) HA1 Protein (Cat# 11082-V08H1)
H8N4 (A/pintail duck/Alberta/114/1979) HA Protein (Cat# 11722-V08H)
H9N2 (A/Hong Kong/1073/99) HA Protein (Cat# 11229-V08H)
H11N2 (A/duck/Yangzhou/906/2002) HA Protein (Cat# 11705-V08H)
H12N5 (A/green-winged teal/ALB/199/1991) HA Protein (Cat# 11718-V08H)
H15N8 (A/duck/AUS/341/1983) HA Protein (Cat# 11720-V08H)
H16N3 (A/black-headed gull/Sweden/5/99) HA Protein (Cat# 11711-V08H)
Influenza B (B/Florida/4/2006) HA Protein (Cat# 11053-V08H)