



Mouse Anti-IAV H3N2 (Influenza A/Hong Kong/4801/2014) HA Monoclonal Antibody, Clone 5C (CABT-CS768)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Influenza A haemagglutinin H3
Target	H3N2 HA
Immunogen	Hybridoma clones have been derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice immunized with influenza A/Shangdong/9/93 (strain H3N2) derived from allantoic fluid of 10 days old embryonated eggs
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	IAV
Clone	5C
Purification	Chromatography on protein A Sepharose
Conjugate	unconjugated
Applications	WB, ELISA
Format	Liquid
Concentration	1 mg/mL
Size	100 µg
Buffer	PBS with less than 0.1% gelatin and 0.1% sodium azide

Preservative	0.1% sodium azide
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Storage	Store at -20°C; Stable for at least 1 month from the date of shipment at 4°C.
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BACKGROUND

Introduction	Influenza hemagglutinin (HA) is a homotrimeric glycoprotein found on the surface of influenza viruses and is integral to its infectivity. HA is a Class I Fusion Protein, having multifunctional activity as both an attachment factor and membrane fusion protein. Therefore, HA is responsible for binding Influenza virus to sialic acid on the surface of target cells, such as cells in the upper respiratory tract or erythrocytes, causing as a result the internalization of the virus. Secondly, HA is responsible for the fusion of the viral envelope with the late endosomal membrane once exposed to low pH (5.0-5.5).
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Keywords	H3N2 HA; IAV; IAV H3N2; IAV H3N2 HA; H3N2; Influenza A haemagglutinin H3; H3N2 haemagglutinin
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