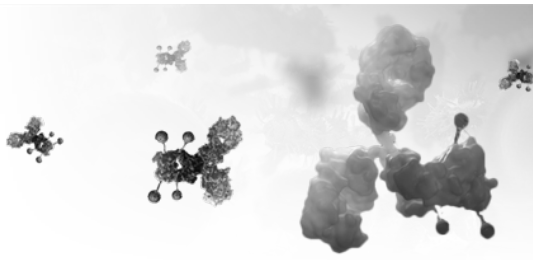

Mouse Anti-IAV H2N2 (A/Canada/720/2005) HA Monoclonal Antibody, Clone N42 (CABT-CS766)

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

PRODUCT INFORMATION

Specificity	React with H2 (A/Canada/720/2005/H2N2). Cross-reactivity with other H2 not tested. No cross reaction with HA from other subtypes.
Target	H2N2 HA
Immunogen	Recombinant HA1 protein (A/Canada/720/2005/H2N2) protein (GenBank Accession#: AAY28987)
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	IAV
Clone	N42
Purification	Chromatography on protein A Sepharose
Conjugate	unconjugated
Applications	ELISA, Neut, IF, IP
Format	Liquid
Concentration	1 mg/mL
Size	100 µg
Buffer	PBS with 40% glycerol

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Preservative	None
Storage	Store at -20°C; Stable for at least 1 month from the date of shipment at 4°C.

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. Secondarily, HA is responsible for the fusion of the viral envelope with the late endosomal membrane once exposed to low pH (5.0-5.5).
Keywords	H2N2 HA; IAV; IAV H2N2; IAV H2N2 HA; H2N2; Influenza A haemagglutinin H2; H2N2 haemagglutinin

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