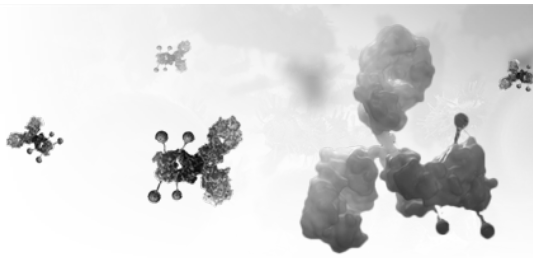

Mouse Anti-IAV H1N1 (A/New Caledonia/20/99) HA Monoclonal Antibody, Clone 213 (CABT-CS752)

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

PRODUCT INFORMATION

Specificity	Influenza A hemagglutinin H1
Target	H1N1 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/New Caledonia/20/99 virus (H1N1) derived from allantonic fluid of 10 days old embryonated eggs.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	IAV
Clone	213
Purification	Protein G Sepharose chromatography
Conjugate	unconjugated
Applications	ELISA, IHC, IF, HIT
Format	Liquid
Concentration	1 mg/mL
Size	100 µg
Buffer	PBS with less than 0.1% gelatin and 0.1% sodium azide

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Preservative	0.1% sodium azide
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	H1N1 HA; IAV; IAV H1N1; IAV H1N1 HA; H1N1; Influenza A haemagglutinin H1; H1N1 haemagglutinin

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