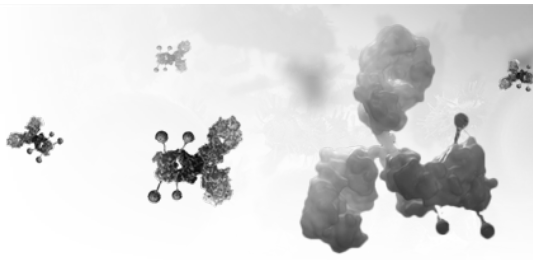

Mouse Anti-IAV H9N2 (A/Guinea Fowl/Hong Kong/WF10/99) HA Monoclonal Antibody, Clone 102I (CABT-CS780)

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

PRODUCT INFORMATION

Specificity	Reacts with most HA (H9N2). No cross-reactivity to other subtypes.
Target	H9N2 HA
Immunogen	Recombinant HA1 protein (H9N2) (A/guinea fowl/Hong Kong/WF10/99 (H9N2)) protein (aa 20~339) (GenBank Accession No. AAO46082)
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	IAV
Clone	102I
Conjugate	unconjugated
Applications	ELISA, Neut, IF, IP
Format	Liquid
Concentration	1 mg/mL
Size	100 µg
Buffer	PBS with 40% glycerol
Preservative	None

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Storage	Store at -20°C; Stable for 6-months from the date of shipment when kept at 4°C. Nonhazardous. No MSDS required.

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	H9N2 HA; IAV; IAV H9N2; IAV H9N2 HA; H9N2; Influenza A haemagglutinin H9; H9N2 haemagglutinin

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