



Mouse Anti-IAV H5N1 (A/Anhui/1/2005) HA Monoclonal Antibody, Clone 2167 (CABT-CS777)

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

PRODUCT INFORMATION

Specificity	Reacts with most H5N1 strains, not react with other subtypes.
Target	H5N1 HA
Immunogen	Recombinant HA protein (aa 18-530) (A/Anhui/1/2005)(H5N1) (GenBank Accession No. ABD28180)
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	IAV
Clone	2167
Conjugate	unconjugated
Applications	WB, ELISA, IP, IF
Format	Liquid
Concentration	1 mg/mL
Size	100 µg
Buffer	PBS with 40% glycerol
Preservative	None

Storage	Store at -20°C; Stable for 6-months from the date of shipment when kept at 4°C. Nonhazardous. No MSDS required.
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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. 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	H5N1 HA; IAV; IAV H5N1; IAV H5N1 HA; H5N1; Influenza A haemagglutinin H5; H5N1 haemagglutinin
