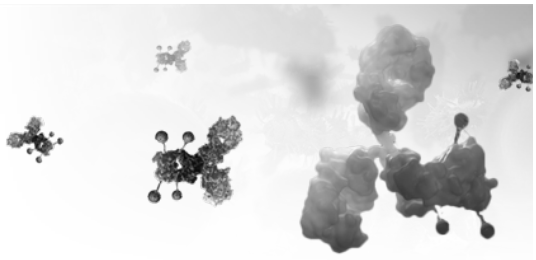

Mouse Anti-IAV H5N1 (Avian Flu) HA Monoclonal Antibody, Clone 2D6C2B (CABT-CS726)

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

PRODUCT INFORMATION

Specificity	H5N1 Hemagglutinin/HA Has cross-reactivity in ELISA with H1N1 (A/California/04/2009) HA H1N1 (A/Brisbane/59/2007) HA H5N1 (A/turkey/Turkey/1/2005) HA H5N1 (A/Indonesia/5/2005) HA H5N1 (A/chicken/India/NIV33487/2006) HA H5N1 (A/Viet Nam/1203/2004) HA H5N1 (A/whooper swan/mongolia/244/2005) HA H5N1 (A/Hong Kong/483/97) HA H5N1 (A/goose/Guiyang/337/2006) HA H5N1 (A/Egypt/N05056/2009) HA H5N1 (A/Cambodia/R0405050/2007) HA H5N1 (A/duck/Hunan/795/2002) HA H5N1 (A/Egypt/2321-NAMRU3/2007) HA H5N3 (A/duck/Hokkaido/167/2007) HA H5N8 (A/duck/NY/191255-59/2002) HA H5N1 (A/bar-headed goose/Qinghai/14/2008) HA H5N1 (A/Common magpie/Hong Kong/2256/2006) HA No cross-reactivity in ELISA with H3N2 (A/Brisbane/10/2007) HA Influenza B (B/Florida/4/2006) HA Human cell lysate (293 cell line)
Target	H5N1 HA
Immunogen	Recombinant H5N1 HA protein

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Isotype	IgG
Source/Host	Mouse
Species Reactivity	IAV
Clone	2D6C2B
Purification	Protein A
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	50 µl, 100 µl
Buffer	PBS
Preservative	None
Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.

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

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