



Mouse Anti-IAV H3N2 (A/Texas/50/2012) HA Monoclonal Antibody, Clone 612 (CABT-CS772)

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

PRODUCT INFORMATION

Specificity	Reacts with 2013-2014 seasonal flu HA1 (A/Texas/50/2012/H3N2), not tested with other subtypes
Target	H3N2 HA
Immunogen	Recombinant HA1 protein (aa 17-345) (A/Texas/50/2012/H3N2) (GenBank Accession No. AGL07159.1)
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	IAV
Clone	612
Conjugate	unconjugated
Applications	Neut, 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.

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. Secondly, 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

H3N2 HA; IAV; IAV H3N2; IAV H3N2 HA; H3N2; Influenza A haemagglutinin H3; H3N2 haemagglutinin
