



Magic™ Human Anti-Influenza virus HA Monoclonal antibody, clone 306.3.7.1A12 (CABT-ZS1005)

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

PRODUCT INFORMATION

Specificity	Influenza virus HA
Target	Influenza virus HA
Isotype	IgG
Source/Host	Human
Species Reactivity	Influenza virus
Clone	306.3.7.1A12
Conjugate	unconjugated
Applications	ELISA
Format	Liquid
Size	100 µg
Buffer	PBS
Preservative	None
Storage	4°C for short term (1 week), store at -20°C to -80°C for long term(1 year); 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. 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

Influenza virus HA; Influenza virus Hemagglutinin; Hemagglutinin; HA