



Mouse Anti-IAV H1N1 (A/California/07/2009) Hemagglutinin Monoclonal antibody, clone 12 (CABT-CS082)

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

PRODUCT INFORMATION

Specificity	H1N1 Hemagglutinin
Target	H1N1 Hemagglutinin
Immunogen	Recombinant Influenza H1N1 (A/California/07/2009) Hemagglutinin Protein
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	H1N1
Clone	12
Purification	Protein A
Conjugate	unconjugated
Applications	ELISA, IHC-P, FCM, ICC/IF, IP
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 A (H1N1) virus is the subtype of influenza A virus that was the most common cause of human influenza (flu) in 2009. It is an Orthomyxovirus that contains the glycoproteins Haemagglutinin and Neuraminidase. For this reason, they are described as H1N1, H1N2 etc. depending on the type of H or N antigens they express. Haemagglutinin causes red blood cells to clump together and binds the virus to the infected cell. Neuraminidase are a type of glycoside hydrolase enzyme which help to move the virus particles through the infected cell and assist in budding from the host cells.

Keywords

H1N1 Hemagglutinin; H1N1 HA; H1N1; H1N1pdm; IAV H1N1; IAV H1N1 HA
