



# 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

<b>Specificity</b>	H1N1 Hemagglutinin
<b>Target</b>	H1N1 Hemagglutinin
<b>Immunogen</b>	Recombinant Influenza H1N1 (A/California/07/2009) Hemagglutinin Protein
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	H1N1
<b>Clone</b>	12
<b>Purification</b>	Protein A
<b>Conjugate</b>	unconjugated
<b>Applications</b>	ELISA, IHC-P, FCM, ICC/IF, IP
<b>Format</b>	Liquid
<b>Size</b>	50 µl, 100 µl
<b>Buffer</b>	PBS
<b>Preservative</b>	None
<b>Storage</b>	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.

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## 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. Haemagglutin 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.

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**Keywords**

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

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