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anti-Hemagglutinin antibody (AA 200-250)



Image



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- Overview	
Quantity:	100 μg
Target:	Hemagglutinin (HA)
Binding Specificity:	AA 200-250
Reactivity:	Influenza A Virus H1N1
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)
Product Details	

Immunogen:	KLH-coupled synthetic peptide within AA 200-250 of Influenza A (H1N1) 2009 virus HA protein (GenBank: CY039999).	
Isotype:	lgG1	
Specificity:	H1N1 HA Antibody detects influenza A (H1N1) HA protein.	
Purification:	Immunoaffinity chromatography.	

Target Details

Target:	Hemagglutinin (HA)	
Alternative Name:	H1N1 HA (HA Products)	
Target Type:	Influenza Protein	
Background:	Influenza A (H1N1) virus is a subtype of influenzavirus A and the most common cause of	

influenza (flu) in humans. A strain of swine-origin H1N1 was responsible for the 2009 flu pandemic. HA (Hemagglutinin) is an antigenic glycoprotein found on the surface of the H1N1 virus. And it is responsible for binding the virus to the cell that is being infected.H1N1 HA Antibody is developed in rabbit using a KLH-coupled synthetic peptide within residues 200-250 of Influenza A (H1N1) 2009 virus HA protein (GenBank: CY039999).

Application Details

Application Notes:

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

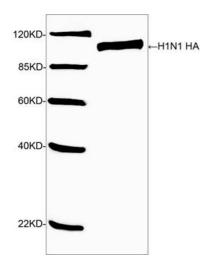
Western blot: 0.5-1 µg/mL.Other Applications: user-optimized

Restrictions:

For Research Use only

Handling

Format:	Lyophilized	
Buffer:	PBS, pH 7.4, containing 0.02 % sodium azide.	
Preservative:	Sodium azide	
Precaution of Use:	WARNING: Reagents contain sodium azide. Sodium azide is very toxic if ingested or inhaled.	
	Avoid contact with skin, eyes, or clothing. Wear eye or face protection when handling. If skin or	
	eye contact occurs, wash with copious amounts of water. If ingested or inhaled, contact a	
	physician immediately. Sodium azide yields toxic hydrazoic acid under acidic conditions. Dilute	
	azide-containing compounds in running water before discarding to avoid accumulation of	
	potentially explosive deposits in lead or copper plumbing.	
Storage:	4 °C/-20 °C	
Storage Comment:	The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody	
	can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below.	
	Avoid repeated freezing and thawing cycles.	



Western Blotting

Image 1. Western blot analysis of H1N1 HA recombinant protein using H1N1 HA Antibody (ABIN399080, 1 μ g/mL) The signal was developed with IRDyeTM 800 Conjugated Goat Anti-Rabbit IgG.Predicted Size: 115 KD Observed Size: 115 KD