

H5N1 Hemagglutinin Rabbit pAb

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Catalog # AP57985

Product Information

Application	WB, IHC-P, IHC-F, IF
Predicted	Influenza A virus H5N1
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from Hemagglutinin/Influenza A virus (H5N1)
Epitope Specificity	200-300/568
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	Influenza A virus is a major public health threat. Novel influenza virus strains caused by genetic drift and viral recombination emerge periodically to which humans have little or no immunity, resulting in devastating pandemics. Influenza A can exist in a variety of animals; however it is in birds that all subtypes can be found. These subtypes are classified based on the combination of the virus coat glycoproteins hemagglutinin (HA) and neuraminidase (NA) subtypes. During 1997, an H5N1 avian influenza virus was determined to be the cause of death in 6 of 18 infected patients in Hong Kong. There was some evidence of human to human spread of this virus, but it is thought that the transmission efficiency was fairly low. HA interacts with cell surface proteins containing oligosaccharides with terminal sialyl residues. Virus isolated from a human infected with the H5N1 strain in 1997 could bind to oligosaccharides from human as well as avian sources, indicating its species jumping ability. Influenza A Virus Hemagglutinin antibodies recognize the influenza hemagglutinin epitope, which has been used extensively as a general epitope tag in expression vectors. The extreme specificity of this antibody allows for unambiguous identification and quantitative analysis of the tagged protein.

Additional Information

Other Names	Hemagglutinin {ECO:0000255 HAMAP-Rule:MF_04072}, Hemagglutinin HA1 chain {ECO:0000255 HAMAP-Rule:MF_04072}, Hemagglutinin HA2 chain {ECO:0000255 HAMAP-Rule:MF_04072}, HA {ECO:0000255 HAMAP-Rule:MF_04072}
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.