

Product Datasheet

Avian Influenza H5N1 Hemagglutinin (NT) Antibody (orb1240164)

Catalog Number	orb1240164
Description	Avian Influenza H5N1 Hemagglutinin (NT) Antibody
Reactivity	Virus
Conjugation	Unconjugated
Tested Applications	ELISA, WB
Immunogen	Avian Influenza H5N1 Hemagglutinin (NT) Antibody was raised against a synthetic peptide corresponding to 12 amino acids near the amino terminus of the Hemagglutinin protein. Efforts were made to use relatively conserved regions of the viral sequence as the antigen. The immunogen is located within amino acids 110 - 160 of Avian Influenza H5N1 Hemagglutinin (NT).
Target	HA
Preservatives	Avian Influenza Hemagglutinin 2 Antibody is supplied in PBS containing 0.02% sodium azide.
Form/Appearance	Liquid
Concentration	1 mg/mL
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Application notes	WB: 2 µg/mL. Avian Influenza Hemagglutinin antibody can be used for the detection of the Hemagglutinin protein from the H5N1 strain of avian influenza A in ELISA and WB. It will detect 10 ng of free peptide at 1 µg/mL. All other applications and species not yet tested.

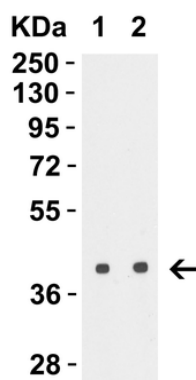
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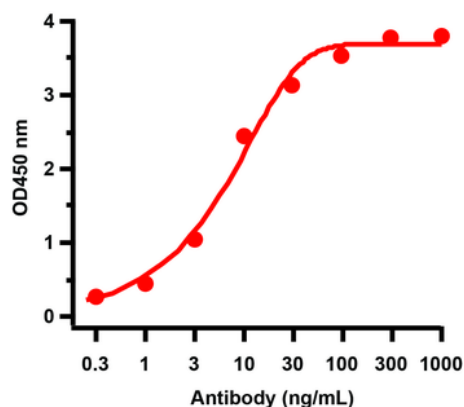
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Isotype	IgG
Clonality	Polyclonal
Antibody Type	Primary Antibody
Uniprot ID	Q692M2
NCBI	AAT76166
Expiration Date	12 months from date of receipt.



Western Blot Validation with H5N1 HA Protein. Loading: 30 ng H5N1 Hemagglutinin recombinant protein (Cat. No. orb1228225). Antibodies: Avian Influenza H5N1 HA antibody, orb1240164, 1 h incubation at RT in 5% NFDM/TBST. Secondary: Rabbit anti-goat IgG HRP conjugate at 1:10000 dilution. Lane 1: 0.5 µg/mL; Lane 2: 1 µg/mL.



ELISA Validation with H5N1 HA Protein. Coating Antigen: H5N1 Hemagglutinin recombinant protein (Cat. No. orb1228225), 2 µg/mL, incubated at 4°C overnight. Detection Antibodies: Avian Influenza H5N1 HA antibody, orb1240164, dilution: 0.3-1000 ng/mL, incubated at RT for 1 hr. Secondary Antibodies: Rabbit anti-goat HRP at 1:10000, incubated at RT for 1 hr.

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