

Product Datasheet

HA Antibody (orb1240162)

Catalog Number	orb1240162
Category	Antibodies
Description	HA Antibody
Target	HA
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Virus
Form/Appearance	Liquid
Concentration	1 mg/mL
Buffer/Preservatives	Avian Influenza Hemagglutinin 4 Antibody is supplied in PBS containing 0.02% sodium azide.
Purification	Avian Influenza Hemagglutinin 4 Antibody is affinity chromatography purified via peptide column.
Immunogen	Avian Influenza H5N1 Hemagglutinin (IN2) Antibody was raised against a synthetic peptide corresponding to 10 amino acids near the center 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 260 - 310 of Avian Influenza H5N1 Hemagglutinin (IN2) Antibody.
UniProt ID	Q692M2

Tested applications	ELISA, WB
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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.

Antibody Type

Primary Antibody

Modifications

None

Storage

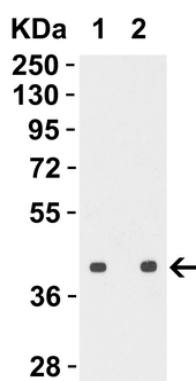
Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Note

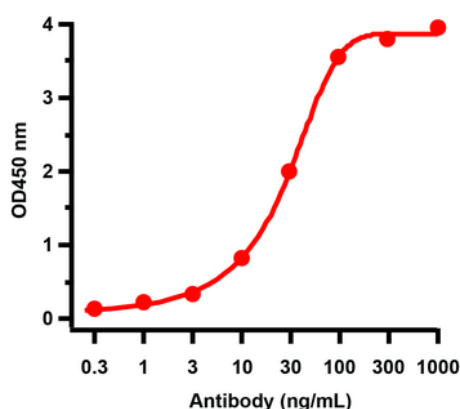
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NCBI

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Western Blot Validation with H5N1 HA Protein. Loading: 30 ng H5N1 Hemagglutinin recombinant protein (Cat. No. orb1228225). Antibodies: Avian Influenza H5N1 HA antibody, orb1240162, 1 h incubation at RT in 5% NFD/MTBST. 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, orb1240162, 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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