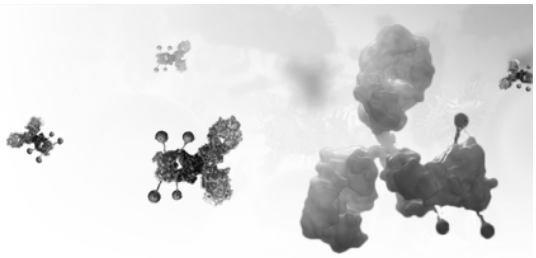

Magic™ Human Anti-IAV H5N1 Monoclonal antibody, clone Nb7 (DMAB-CS24176)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody specifically binds the H5N1 virus. It does not bind to the other subtypes of influenza A viruses.
Target	IAV H5N1
Immunogen	The original antibody was generated by immunizing Bactrian camel (Camelus bactrianus) with inactivated influenza H5N1 virus, followed by antibody library construction and phage display-based selection.
Isotype	IgG1
Source/Host	Human
Species Reactivity	IAV H5N1
Clone	Nb7
Purification	Protein A
Conjugate	unconjugated
Applications	ELISA (Cap)
Format	Liquid
Size	100 µg, 500 µg
Buffer	PBS with 0.02% Proclin 300
Preservative	0.02% Proclin 300

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Storage	Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

BACKGROUND

Introduction	Influenza viruses are members of the Orthomyxoviridae family, and the H5N1 genotype is in the Alphainfluenzavirus genus and is of the influenza A species. Influenza viruses are negative stranded RNA viruses that have a segmented genome. Influenza A nomenclature uses the 2 genomic segments that encode the envelope glycoproteins, haemagglutinin (H) and neuraminidase (N) because these proteins are major contributors to the pathogenicity of the viruses. The wildlife reservoir for these viruses is wild birds, especially waterfowl, in which a subclinical gastroenteric infection is usually seen. Thus, these viruses are often called avian influenza.
Keywords	Influenza A virus; Influenzavirus A; IAV; Influenza A; IAV H5N1; H5N1

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