



Magic™ Anti-IAV Hemagglutinin H5

Monoclonal antibody, Clone C620N (DCAB-TJ143)

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

PRODUCT INFORMATION

Specificity	Reacts with Hemagglutinin H5 in Hemagglutinin Inhibition (HI) test. Reacts with H5N1, H5N2 and H5N9 strains.
Target	IAV Hemagglutinin H5
Immunogen	Purified Avian Influenza Virus Type A (H5N1)
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	IAV
Clone	C620N
Affinity Constant	Not Determined
Purification	≥ 95% pure (SDS-PAGE). Protein G Chromatography
Conjugate	Unconjugated
Applications	Suitable for use in hemagglutinin inhibition (HI) test, indirect ELISA and dot blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not Suggested pair for testing (Capture - Detection): DCAB-TJ051 - DCAB-TJ143
Format	Purified, Liquid
Concentration	6.9 mg/ml (OD280 nm, E0.1% = 1.4)

Size	100 µg
Buffer	PBS, pH 7.4
Preservative	0.1% Sodium Azide
Storage	Store at 2-8°C.

BACKGROUND

Introduction Influenza A virus causes influenza in birds and some mammals, and is the only species of influenza virus A. Influenza virus A is a genus of the Orthomyxoviridae family of viruses. Strains of all subtypes of influenza A virus have been isolated from wild birds, although disease is uncommon. Some isolates of influenza A virus cause severe disease both in domestic poultry and, rarely, in humans. Occasionally, viruses are transmitted from wild aquatic birds to domestic poultry, and this may cause an outbreak or give rise to human influenza pandemics.

Keywords H5N1; Influenza A H5; Influenza A virus; IAV; IAV H5N1