



# Magic™ Anti-IAV Hemagglutinin H5

## Monoclonal antibody, Clone C365N (DCAB-TJ052)

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

### PRODUCT INFORMATION

<b>Specificity</b>	Reacts with hemagglutinin H5 in hemagglutinin inhibition (HI) test.
<b>Target</b>	IAV Hemagglutinin H5
<b>Immunogen</b>	Purified avian influenza virus type A (H5N1)
<b>Isotype</b>	IgG2a
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	IAV
<b>Clone</b>	C365N
<b>Affinity Constant</b>	Not Determined
<b>Purification</b>	> 95% pure (SDS-PAGE). Protein G Chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in hemagglutinin inhibition (HI) test and ELISA. 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 necessarily be exc Suggested pair for testing (Capture - Detection): <a href="#">DCAB-TJ051</a> - DCAB-TJ052
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	4.7 mg/mL (OD280 nm, E0.1% = 1.4)

<b>Size</b>	1 mg
<b>Buffer</b>	PBS, pH 7.4
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Store at 2-8°C.

## BACKGROUND

<b>Introduction</b>	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.
<b>Keywords</b>	Influenza A H5; Influenza A virus; Influenza A virus H5; Influenza A Hemagglutinin H5; IAV; IAV H5N1