



# Magic™ Anti-IAV Hemagglutinin H5

## Monoclonal antibody, Clone C364N (DCAB-TJ051)

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>	C364N
<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 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 excluded. Recommended pair for sandwi Suggested pair for testing (Capture - Detection): DCAB-TJ051 - <a href="#">DCAB-TJ052</a>
<b>Procedure</b>	Matched Antibody Pairs
<b>Format</b>	Purified, Liquid

<b>Concentration</b>	3.4 mg/mL
<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.
<b>Warnings</b>	Centrifuge before opening to ensure complete recovery of vial contents. This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in the concentration range of 0.1-1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

## 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