**GENERAL INFORMATION**

**Immunogen:** Recombinant H5N1 HA protein

**Preparation:** This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant Influenza A virus H5N1 (Avian Flu) hemagglutinin extracellular domain. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

**Ig Type:** Mouse IgG

**Specificity:**

- H5N1 (A/Anhui/1/2005) HA
- H5N1 (A/bar-headed goose/ Qinghai /14/2008) HA

Has cross-reactivity in ELISA with:

- H1N1 (A/Brisbane/59/2007) HA
- H1N1 (A/California/04/2009) HA
- H1N1 (A/California/07/2009) HA
- H5N1 (A/Indonesia/5/2005) HA
- H5N1 (A/turkey/Turkey/1/2005) HA
- H5N1 (A/Viet Nam/1203/2004) HA
- No cross-reactivity in ELISA with:
  - H3N2 (A/Brisbane/10/2007) HA
  - Influenza B (B/Florida/4/2006) HA

**Formulation:** 0.2 μm filtered solution in PBS

**Storage:** This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

**APPLICATIONS**

**Applications:**

- WB, ELISA, IHC-P, FCM, ICC/IF, IF, IP

(Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.)

**RECOMMENDED CONCENTRATION**

**Western Blot**

This antibody can be used at 1:500-1:1000 with the appropriate secondary reagents to detect H5N1 HA in WB.

**ELISA**

ELISA: 1:1000-1:2000

This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect H5N1 HA in ELISA.

*Please Note: Optimal concentrations/dilutions should be determined by the end user.*

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