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 IgG1

Clone ID: 1C5B1A10

Specificity: H5N1 (A/Anhui/1/2005) HA

Has cross-reactivity in ELISA with:
- H1N1 (A/California/04/2009) HA
- H1N1 (A/Brisbane/59/2007) HA
- H5N1 (A/turkey/Turkey/1/2005) HA
- H5N1 (A/Indonesia/5/2005) HA
- H5N1 (A/chicken/India/NIV33487/2006) HA
- H5N1 (A/Viet Nam/1203/2004) HA
- H5N1 (A/whooper swan/mongolia/244/2005) HA
- H5N1 (A/Hong Kong/483/97) HA
- H5N1 (A/Egypt/N05056/2009) HA
- H5N1 (A/Cambodia/R0405050/2007) HA
- H5N3 (A/duck/Hokkaido/167/2007) HA
- H5N1 (A/bar-headed goose/Qinghai/14/2008) HA
- H5N1 (A/Common magpie/Hong Kong/2256/2006) HA

No cross-reactivity in ELISA with:
- H3N2 (A/Brisbane/10/2007) HA
- Influenza B (B/Florida/4/2006) HA
- Human cell lysate (293 cell line)

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

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

RECOMMENDED CONCENTRATION

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.

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