GENERAL INFORMATION

Immunogen: Recombinant H1N1 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 H1N1 hemagglutinin (HA) extracellular domain. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

Ig Type: Mouse IgG1

Clone ID: 6A4D1D1

Specificity: H1N1 (A/California/04/2009) HA
H1N1 (A/California/07/2009) HA
Has cross-reactivity in ELISA with
H1N2 (A/swine/Guangxi/13/2006) HA
No cross-reactivity in ELISA with
H1N1 (A/Brisbane/59/2007) HA
H1N1 (A/BrevigMission/1/1918) HA
H1N1 (A/Solomon Islands/3/2006) HA
H1N1 (A/Ohio/UR06-0091/2007) HA
H1N1 (A/New Caledonia/20/1999) HA
H1N1 (A/Puerto Rico/8/1934) HA
H1N1 (A/WSN/1933) HA
H1N3 (A/duck/NZL/160/1976) HA
H3N2 (A/Brisbane/10/2007) HA
H5N1 (A/Anhui/1/2005) HA
H5N1 (A/Indonesia/5/2005) HA
H5N1 (A/Viet nam/1194/2004) HA
H5N1 (A/bar-headed goose/Qinghai/14/2008) HA
H5N1 (A/turkey/Turkey/1/2005) 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: 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

ELISA: 1:1000-1:2000
This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect H1N1 HA.

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