

Product name

Anti-HA antibody

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; H1N3 (A/duck/NZL/160/1976) HA; H5N1 (A/Anhui/1/2005) HA; H5N1 (A/Vietnam/1194/2004) HA; H5N1 (A/Indonesia/5/2005) HA; H5N1 (A/turkey/Turkey/1/2005) HA; H5N1 (A/bar-headed goose/Qinghai/14/2008) HA

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

Antibody description

Mouse monoclonal to HA

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.

Formulation

0.2 µm filtered solution in PBS with 5% trehalose

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.

Clonality

Monoclonal

Ig Type

Mouse IgG2b

Applications

ELISA, WB, FCM

Dilutions

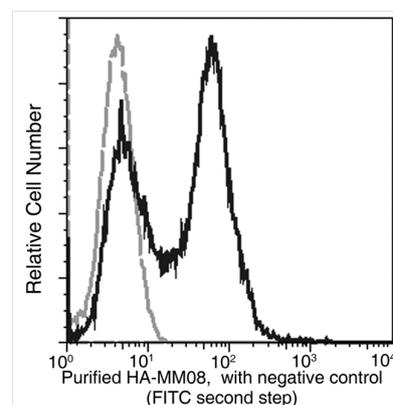
WB: 1-2 µg/mL

ELISA: 0.5-1 µg/mL

This antibody can be used at 0.5-1 µg/mL with the appropriate secondary reagents to detect H1N1 HA. The detection limit for H1N1 HA is approximately 10 ng/well.

FCM: 0.5-2 µg/Test

Validations



Influenza A H1N1 (Swine Flu 2009) Hemagglutinin / HA Antibody, Mouse MAb, Flow

Anti-HA antibody



Catalog Number: 101828

cytometric

High Five cells were infected by Bac-HA, cells were collected at 48 hours postinfection, and the cell surface expression of HA were measured by flow cytometry. 10^6 Cells were stained with 1 μ g

Purified Mouse Anti-H1N1-HA (11055-MM08) antibody for 20 min on ice. Cells were washed twice and incubated with 1 μ g of a FITC Goat Anti-Mouse Ig secondary antibody for 20 min on ice. Cells were washed twice and analyzed by flow cytometry.