

## 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

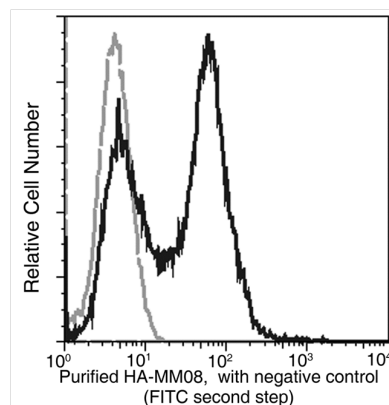
WB: 1-2 µg/mL

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

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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  $\mu$ g

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