# Influenza A H9N2 Hemagglutinin / HA Antibody, Mouse MAb

**Catalog Number:** 11229-MM04

## GENERAL INFORMATION

**Immunogen:** Recombinant H9N2 HA protein (Catalog#11229-V08H)

**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 H9N2 Hemagglutinin. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

**Ig Type:** Mouse IgG1

**Clone ID:** 3F11E10G1

**Specificity:**
- No cross-reactivity in ELISA with H1N1 (A/California/04/2009) HA
- H1N1 (A/California/07/2009) HA
- H1N1 (A/Brisbane/59/2007) HA
- H5N1 (A/Anhui/1/2005) HA
- H5N1 (A/Viet nam/1194/2004) HA
- H5N1 (A/Indonesia/5/2005) HA
- H5N1 (A/bar-headed goose/Qinghai/14/2008) HA
- H5N1 (A/turkey/Turkey/1/2005) HA
- H3N2 (A/Brisbane/10/2007) HA
- H7N7 (A/Netherlands/219/03) HA
- H2N2 (A/Japan/305/1957) HA
- Influenza B (B/Florida/04/2006) 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, 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 H9N2 HA in WB. Using a DAB detection system, the detection limit for H9N2 HA is approximately 4 ng/lane under non-reducing conditions and 2 ng/lane under reducing conditions.

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