**GENERAL INFORMATION**

**Immunogen:** Recombinant H1N1 (A/Brisbane/59/2007) HA protein (Catalog#11052-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 H1N1 (A/Brisbane/59/2007) HA (Catalog#11052-V08H; ACA28844.1; Met 1-Gln 528). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

**Ig Type:** Mouse IgG1

**Clone ID:** 2D10C9E2

**Specificity:**
- H1N1 (A/Brisbane/59/2007) HA
- Has cross-reactivity in ELISA with:
  - H1N1 (A/Brisbane/59/2007) HA1
  - H1N1 (A/Solomon Islands/3/2006) HA
  - H1N1 (A/Ohio/UR06-0091/2007) HA
  - H1N1 (A/New Caledonia/20/1999) HA
  - H1N1 (A/WSN/1933) HA
- No cross-reactivity in ELISA with:
  - H1N1 (A/California/07/2009) HA
  - H1N1 (A/California/04/2009) HA
  - H1N1 (A/California/04/2009) HA1
  - H1N1 (A/BrevigMission/1/1918) HA
  - H1N2 (A/swine/Guangxi/13/2006) HA
  - H5N1 (A/Anhui/1/2005) HA
  - H5N1 (A/Anhui/1/2005) HA2
  - H5N1 (A/turkey/Turkey/1/2005) HA
  - H5N1 (A/bar-headed goose /Qinghai/14/2008) HA
  - H5N1 (A/Indonesia/6/2005) HA
  - H5N1 (A/Viet Nam/1194/2004) HA
  - H5N1 (A/Viet Nam/1203/2004) HA
  - H7N2 (A/Brisbane/10/2007) HA
  - Influenza B (B/Florida/4/2006) HA
  - H9N2 (A/Hong Kong/1073/99) HA
  - H7N7 (A/Netherlands/219/03) HA
  - H2N2 (A/Canada/720/2005) HA

**Formulation:** 0.2 μm filtered solution in PBS

**Storage:**
This antibody can be stored at 2℃-8℃ for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20℃ to -80℃. 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, 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**

**Western Blot**
This antibody can be used at 1:500-1:1000 with the appropriate secondary reagents to detect H1N1 (A/Brisbane/59/2007) HA in WB. Using a DAB detection system, the detection limit for H1N1 (A/Brisbane/59/2007) HA is approximately 1 ng/lane under non-reducing conditions and reducing conditions.

**ELISA**
ELISA: 1:1000-1:2000
This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect H1N1 (A/Brisbane/59/2007) HA.

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