**GENERAL INFORMATION**

**Immunogen:** Recombinant H1N1 (A/Puerto Rico/8/1934) HA protein (Catalog#11684-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/Puerto Rico/8/1934) HA (Catalog#11684-V08H; ABD77675.1; 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:** 2F1A7

**Specificity:** H1N1 (A/Puerto Rico/8/1934) 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/Brisbane/59/2007) HA
- H1N1 (A/Brisbane/59/2007) HA1
- H1N1 (A/BrevigMission/1/1918) HA
- H1N1 (A/Solomon Islands/3/2006)
- H1N1 (A/Ohio/UR06-0091/2007) HA
- H1N1 (A/New Caledonia/20/1999) HA
- H1N1 (A/WSN/1933) HA
- H1N2 (A/swine/Guangxi/13/2006) HA
- H5N1 (A/Anhui/1/2005) HA
- H5N1 (A/Anhui/1/2005) HA2

**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℃. Preservation-Free. Avoid repeated freeze-thaw cycles.

**Alternative Names:** Hemagglutinin, HA

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**APPLICATIONS**

**Applications:** WB, ELISA, ELISA(Det), IHC-P, FCM, ICC/IF, IP

(Antibody's applications have not been validated with corresponding viruses. Optimal concentrations/dilutions should be determined by the end user.)

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**RECOMMENDED CONCENTRATION**

**Western Blot**

This antibody can be used at 1:500-1:1000 with the appropriate secondary reagents to detect H1N1 (A/Puerto Rico/8/1934) HA in WB. Using a DAB detection system, the detection limit for H1N1 (A/Puerto Rico/8/1934) HA is approximately 8 ng/lane under non-reducing conditions. Use of this antibody under reducing conditions is not recommended.

**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/Puerto Rico/8/1934) HA.

**Sandwich ELISA (Detection Ab)**

ELISA(Det): 1:1000-1:10000

This antibody will detect Influenza H1N1 (A/Puerto Rico/8/34) Hemagglutinin / HA in ELISA pair set (Catalog: # SEK11684). In a sandwich ELISA, it can be used as detection antibody when paired with (Catalog: # 11684-MM05).

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