**GENERAL INFORMATION**

**Immunogen:** Recombinant Influenza A H1N1 HA / Hemagglutinin protein (Catalog#11684-V08H)

**Preparation**
This antibody was obtained from a rabbit immunized with purified, recombinant Influenza A H1N1 HA / Hemagglutinin (Catalog#11684-V08H; ABD77675.1; Met 1-Gln 528).

**Ig Type:** Rabbit IgG

**Clone ID:** 107

**Specificity:** Influenza A H1N1 HA / Hemagglutinin

- No cross-reactivity in ELISA with
  - H1N1 (A/Brevig Mission/1/1918) HA
  - H1N1 (A/New Caledonia/20/1999) HA
  - H2N2 (A/Canada/729/2005) HA
  - H3N2 (A/Brisbane/10/2007) HA
  - H5N1 (A/Anhui/1/2005) HA
  - H6N1 (A/northern shoveler/California/HKW/115/2007) HA
  - H7N7 (A/chicken/Netherlands/1/03) HA
  - H8N4 (A/pintail duck/Alberta/114/1979) HA
  - H9N2 (A/Hong Kong/1073/99) HA
  - H10N3 (A/duck/Hong Kong/786/1979) HA
  - H11N2 (A/duck/Yangzhou/906/2002) HA
  - H13N8 (A/black-headed gull/Netherlands/1/00) HA
  - H15N8 (A/duck/AUS/341/1983) HA
  - H16N3 (A/black-headed gull/Sweden/5/99) HA
  - Influenza B (B/Florida/4/2006) 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. Avoid repeated freeze-thaw cycles.

**Alternative Names:** Hemagglutinin, HA

**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.)

**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 5 ng/lane under non-reducing conditions and reducing conditions.

**ELISA**
ELISA: 1:5000-1:10000
This antibody can be used at 1:5000-1:10000 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 A H1N1 HA / Hemagglutinin in ELISA pair set (Catalog: # SEKA11684). In a sandwich ELISA, it can be used as detection antibody when paired with (Catalog: # 11684-R016).

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