**GENERAL INFORMATION**

**Immunogen:** Recombinant Influenza B virus HA protein (Catalog#11053-V08H)

**Preparation:** This antibody was obtained from a rabbit immunized with purified, recombinant Influenza B Hemagglutinin (Catalog#11053-V08H; ACA33493.1; Met 1-Ala 555).

**Ig Type:** Rabbit IgG

**Clone ID:** 004

**Specificity:** Influenza B (B/Florida/04/06) HA

- Has cross-reactivity in ELISA with H1N1 (A/California/07/2009) HA
- No cross-reactivity in ELISA with
  - H3N2 (A/Brisbane/10/2007) HA
  - H5N1 (A/Anhui/1/2005) HA
  - H7N7 (A/Netherlands/219/03) HA
  - H9N2 (A/Hong Kong/1073/99) HA
  - H2N2 (A/Canada/720/2005) HA
  - H4N6 (A/mallard/Ohio/657/2002) HA
  - H6N1 (A/northern shoveler/California/HKWF115/2007) HA
  - H8N4 (A/pintail duck/Alberta/114/1979) HA
  - H10N3 (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

**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 influenza B virus HA in WB. Using a DAB detection system, the detection limit for influenza B virus HA is approximately 1 ng/lane under non-reducing conditions and 10 ng/lane under 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 influenza B virus HA.

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