**GENERAL INFORMATION**

<table>
<thead>
<tr>
<th><strong>Immunogen:</strong></th>
<th>Recombinant Influenza A H1N1 HA / Hemagglutinin protein (Catalog#11684-V08H)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Preparation</strong></td>
<td>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).</td>
</tr>
<tr>
<td><strong>Ig Type:</strong></td>
<td>Rabbit IgG</td>
</tr>
<tr>
<td><strong>Clone ID:</strong></td>
<td>107</td>
</tr>
<tr>
<td><strong>Specificity:</strong></td>
<td>Influenza A H1N1 HA / Hemagglutinin</td>
</tr>
</tbody>
</table>

No cross-reactivity in ELISA with:
- H1N1 (A/Brevig Mission/1/1918) HA
- H1N1 (A/New Caledonia/20/1999) HA
- H2N2 (A/Canada/720/2005) HA
- H3N2 (A/Brisbane/10/2007) HA
- H5N1 (A/Anhui/1/2005) HA
- H6N1 (A/northern shoveler/California/HKWF115/2007) 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℃-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, ELISA(Det), 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/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.*