**GENERAL INFORMATION**

<table>
<thead>
<tr>
<th><strong>Immunogen:</strong></th>
<th>Recombinant H1N1 HA protein</th>
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<tbody>
<tr>
<td><strong>Preparation</strong></td>
<td>This antibody was obtained from a rabbit immunized with purified, recombinant Influenza A virus H1N1 Hemagglutinin extracellular domain.</td>
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<td><strong>Ig Type:</strong></td>
<td>Rabbit IgG</td>
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<td><strong>Clone ID:</strong></td>
<td>133</td>
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</table>
| **Specificity:** | H1N1 (A/California/04/2009) HA  
H1N1 (A/California/07/2009) HA  
Has cross-reactivity in ELISA with  
H1N1 (A/Brisbane/59/2007) HA  
H1N1 (A/Solomon Islands/3/2006) HA  
H1N1 (A/Ohio/UR06-0091/2007) HA  
H1N1 (A/New Caledonia/20/1999) HA  
H1N1 (A/Puerto Rico/8/1934) HA  
H1N1 (A/WSN/1933) HA  
H1N2 (A/swine/Guangxi/13/2006) HA  
H1N3 (A/duck/NZL/160/1976) HA  
H5N1 (A/Anhui/1/2005) HA  
H5N1 (A/Anhui/1/2005) HA2 Sub-unit  
H5N1 (A/turkey/Turkey/1/2005) HA  
H5N1 (A/Indonesia/5/2005) HA  
H5N1 (A/bar-headed goose/Qinghai/14/2008) HA  
H5N1 (A/Viet Nam/1203/2004) HA  
No cross-reactivity in ELISA with  
H1N1 (A/BrevigMission/1/1918) HA  
H1N1 (A/California/04/2009) HA1 Sub-unit  
H3N2 (A/Brisbane/10/2007) 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. 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 HA in WB. |
| **ELISA** | ELISA: 1:1000-1:2000  
This antibody can be used at 1:1000-1:2000 with the appropriate secondary reagents to detect H1N1 HA. |

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