Datasheet for ABIN235631

anti-Influenza Nucleoprotein antibody (Influenza A Virus H1N1)

<table>
<thead>
<tr>
<th>Overview</th>
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</thead>
<tbody>
<tr>
<td>Quantity:</td>
<td>1 mg</td>
</tr>
<tr>
<td>Target:</td>
<td>Influenza Nucleoprotein (NP)</td>
</tr>
<tr>
<td>Reactivity:</td>
<td>Influenza A Virus H1N1</td>
</tr>
<tr>
<td>Host:</td>
<td>Mouse</td>
</tr>
<tr>
<td>Clonality:</td>
<td>Monoclonal</td>
</tr>
<tr>
<td>Conjugate:</td>
<td>Un-conjugated</td>
</tr>
<tr>
<td>Application:</td>
<td>ELISA, Western Blotting (WB), Protein Assay (PrA)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Product Details</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Immunogen:</td>
<td>Purified Influenza virus type A (H1N1)</td>
</tr>
<tr>
<td>Clone:</td>
<td>B248M</td>
</tr>
<tr>
<td>Isotype:</td>
<td>IgG2b</td>
</tr>
<tr>
<td>Specificity:</td>
<td>Reacts with Influenza Virus type A nucleoprotein. Does not cross-react with Influenza Virus type B nucleoprotein.</td>
</tr>
<tr>
<td>Characteristics:</td>
<td>MAb to Influenza A (NP), Monoclonal antibody to Influenza A Nucleoprotein (NP)</td>
</tr>
<tr>
<td>Purification:</td>
<td>Protein G Chromatography</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Target Details</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Target:</td>
<td>Influenza Nucleoprotein (NP)</td>
</tr>
<tr>
<td>Alternative Name:</td>
<td>Influenza A Nucleoprotein (NP) (NP Products)</td>
</tr>
</tbody>
</table>
Target Details

Target Type: Influenza Protein

Application Details

Application Notes: Suitable for use in ELISA and Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Comment: This antibody can be used as detection antibody in an ELISA assay. ABIN235630 can be used in this combination as a capture antibody.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, pH 7.4, 0.1 % Sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Storage Comment: Store at 2-8 °C.

Images

Image 1. Calibration curve for Influenza A NP immunodetection in sandwich fluoroimmunoassay. Capture: C01321M - 1ug/well. Detection (Eu-labeled): C01323M - 0.2ug/well. Incubation time 45 minutesH1N1 - Influenza A/New Caledonia/20/99. H3N2 - Influenza A/Shangdong/9/93 Influenza B