**Anti-Influenza A virus nucleoprotein**

**Mouse monoclonal antibody**

**HYB 156-01**

<table>
<thead>
<tr>
<th>SPECIFICITY</th>
<th>HYB 156-01 is specific for influenza A virus nucleoprotein and does not cross-react with influenza B virus.</th>
</tr>
</thead>
<tbody>
<tr>
<td>IMMUNOGEN</td>
<td>Unpurified influenza A virus (H1N1 A/PR/8/34) for primary intranasal immunization, boosted intravenously with purified influenza A virus disrupted with Triton X-100 for 45 min at 37°C.</td>
</tr>
<tr>
<td>TESTED APPLICATIONS</td>
<td>ELISA, WB (not applicable), IHC, IF</td>
</tr>
<tr>
<td>SPECIES REACTIVITY (POSITIVE)</td>
<td>Human</td>
</tr>
<tr>
<td>SPECIES REACTIVITY (NEGATIVE)</td>
<td>Not determined</td>
</tr>
<tr>
<td>EPITOPE SPECIFICITY</td>
<td>Not determined</td>
</tr>
</tbody>
</table>

**PRESENTATION**

- **Content:** Available in 200 µL and 1 mL size. ± 15%. See Certificate of Analysis for details.
- **Preparation:** Protein-A purified
- **Form:** Liquid
- **Solvent:** 0.01 M phosphate buffer, pH 7.4, containing 0.5 M NaCl and 15 mM sodium azide
- **Storage:** 4-8°C without exposure to light. No precautions necessary during handling.

**APPLICATION**

- **ELISA:** HYB 156-01 is suitable as capture antibody in a sandwich ELISA for influenza A virus, using HYB 156-01B (biotinylated) for detection (1).
- **IHC:** HYB 156-01 reacts with influenza A-infected, acetone-fixed VERO cells in immunofluorescence cytochemistry.
- **IF:** HYB 156-01 can be used in Immunofluorescence.

**TARGET**

Influenza viruses are common and highly infectious human pathogens. They are constantly mutating to modify their antigenicity and avoid elimination by immunity to previous generations of virus. The nucleoprotein of influenza A virus is a basic, phosphorylated multimeric protein consisting of 498 aa subunits that encapsidate the viral RNA genome to form a ribonucleoprotein particle.

**REFERENCES**


**CONDITIONS**

Unless otherwise marked, all products are for research use only. Not for use in diagnostic procedures. Not for use in human therapeutic applications. For in vitro use or further manufacture only. The information and product are offered without guarantee as the ultimate conditions of use are beyond our control. The foregoing is in lieu of all warranties, expressed or implied, including implied warranties of merchantability and fitness for a particular purpose. In no event shall BioPorto Diagnostics A/S be responsible for loss of profits or indirect consequential losses resulting from use of its product.
Anti-Influenza A virus nucleoprotein

Mouse monoclonal antibody, biotinylated

HYB 156-01B

Subclass: IgG2a/k
Clone: 5D8

SPECIFICITY
HYB 156-01 is specific for influenza A virus nucleoprotein and does not cross-react with influenza B virus.

IMMUNOGEN
Unpurified influenza A virus (H1N1 A/PR/8/34) for primary intranasal immunization, boosted intravenously with purified influenza A virus disrupted with Triton X-100 for 45 min at 37°C.

TESTED APPLICATIONS
ELISA

SPECIES REACTIVITY
Human

SPECIES REACTIVITY
(NEGATIVE)
Not determined

EPITOPE SPECIFICITY
Not determined

PRESENTATION
Content: 100 µL, 1 mg/mL +/- 15%. See Certificate of Analysis for details.
Preparation: Biotinylated
Form: Liquid
Solvent: 0.01 M phosphate buffer, pH 7.4, with 0.14 M NaCl and 15 mM sodium azide
Storage: 4-8°C without exposure to light. No precautions necessary during handling.

APPLICATION
ELISA: HYB 156-01 is suitable as capture antibody in a sandwich ELISA for influenza A virus, using HYB 156-01B (biotinylated) for detection (1).

TARGET
Influenza viruses are common and highly infectious human pathogens. They are constantly mutating to modify their antigenicity and avoid elimination by immunity to previous generations of virus. The nucleoprotein of influenza A virus is a basic, phosphorylated multimeric protein consisting of 498 aa subunits that encapsidate the viral RNA genome to form a ribonucleoprotein particle.

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