

Datasheet: OBT0846

**BATCH NUMBER 111113**

|                      |                                      |
|----------------------|--------------------------------------|
| <b>Description:</b>  | MOUSE ANTI INFLUENZA A NUCLEOPROTEIN |
| <b>Specificity:</b>  | INFLUENZA A NUCLEOPROTEIN            |
| <b>Format:</b>       | Purified                             |
| <b>Product Type:</b> | Monoclonal Antibody                  |
| <b>Clone:</b>        | 1341                                 |
| <b>Isotype:</b>      | IgG2a                                |
| <b>Quantity:</b>     | 0.1 mg                               |

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

|                              | Yes | No | Not Determined | Suggested Dilution |
|------------------------------|-----|----|----------------|--------------------|
| Flow Cytometry               |     |    | ▪              |                    |
| Immunohistology - Frozen (1) | ▪   |    |                | 1/10 - 1/50        |
| Immunohistology - Paraffin   |     | ▪  |                |                    |
| ELISA                        | ▪   |    |                | 1/20 - 1/200       |
| Immunoprecipitation          |     |    | ▪              |                    |
| Western Blotting             |     |    | ▪              |                    |
| Immunofluorescence           | ▪   |    |                | 1/10 - 1/50        |

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

**(1)The epitope recognised by this antibody is reported to be sensitive to formaldehyde fixation and tissue processing. Bio-Rad recommends the use of acetone fixation for frozen sections.**

|                        |   |
|------------------------|---|
| <b>Target Species</b>  | Viral   |
| <b>Product Form</b>    | Purified IgG - liquid   |
| <b>Preparation</b>     | Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant |
| <b>Buffer Solution</b> | Phosphate buffered saline   |

|                                       |  |
|---------------------------------------|--|
| <b>Preservative Stabilisers</b>       | 0.1% Sodium Azide (NaN <sub>3</sub> )<br>1% Bovine Serum Albumin   |
| <b>Approx. Protein Concentrations</b> | IgG concentration 0.1mg/ml   |
| <b>Immunogen</b>                      | Partially purified Influenza A.  |
| <b>RRID</b>                           | AB_2298472   |
| <b>Specificity</b>                    | <b>Mouse anti Influenza A Nucleoprotein antibody, clone 1341</b> Influenza A nucleoprotein. Mouse anti Influenza A Nucleoprotein antibody, clone 1341 reacts against all strains of Influenza A.   |
| <b>References</b>                     | <ol style="list-style-type: none"> <li>Liang, Y. <i>et al.</i> (2005) cis-Acting packaging signals in the influenza virus PB1, PB2, and PA genomic RNA segments. <a href="#">J Virol. 79: 10348-55.</a></li> <li>Petersen, H. <i>et al.</i> (2012) Replication and adaptive mutations of low pathogenic avian influenza viruses in tracheal organ cultures of different avian species. <a href="#">PLoS One. 7: e42260.</a></li> <li>Sid, H. <i>et al.</i> (2016) Mycoplasma gallisepticum modifies the pathogenesis of influenza A virus in the avian tracheal epithelium <a href="#">International Journal of Medical Microbiology. Apr 6 [Epub ahead of print]</a></li> </ol> |
| <b>Storage</b>                        | <p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>   |
| <b>Guarantee</b>                      | 12 months from date of despatch  |
| <b>Health And Safety Information</b>  | Material Safety Datasheet documentation #10041 available at: <a href="https://www.bio-rad-antibodies.com/SDS/OBT0846">https://www.bio-rad-antibodies.com/SDS/OBT0846</a><br>10041  |
| <b>Regulatory</b>                     | For research purposes only   |

## Related Products

### Recommended Secondary Antibodies

|   |                      |
|---|----------------------|
| Rabbit Anti Mouse IgG (STAR12...)       | <a href="#">RPE</a>  |
| Goat Anti Mouse IgG IgA IgM (STAR87...) | <a href="#">HRP</a>  |
| Goat Anti Mouse IgG (STAR76...)         | <a href="#">RPE</a>  |
| Rabbit Anti Mouse IgG (STAR13...)       | <a href="#">HRP</a>  |
| Goat Anti Mouse IgG (STAR70...)         | <a href="#">FITC</a> |

Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),  
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),  
[FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

Goat Anti Mouse IgG (STAR77...) [HRP](#)

Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

|                                  |   |                  |   |               |   |
|----------------------------------|---|------------------|---|---------------|---|
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|----------------------------------|---|------------------|---|---------------|---|

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://bio-rad-antibodies.com/datasheets)  
'M369266:200529'

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