

Datasheet: 5315-2907

**BATCH NUMBER 164512**

|                      |   |
|----------------------|---|
| <b>Description:</b>  | MOUSE ANTI INFLUENZA A H1N1 HEMAGGLUTININ |
| <b>Specificity:</b>  | INFLUENZA A H1N1 HEMAGGLUTININ            |
| <b>Format:</b>       | Purified                                  |
| <b>Product Type:</b> | Monoclonal Antibody                       |
| <b>Clone:</b>        | C102 (IV.C102)                            |
| <b>Isotype:</b>      | IgG1                                      |
| <b>Quantity:</b>     | 0.2 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 |
|----------------------------|-----|----|----------------|--------------------|
| Immunohistology - Frozen   | ▪   |    |                |                    |
| Immunohistology - Paraffin |     |    | ▪              |                    |
| ELISA                      | ▪   |    |                |                    |
| Western Blotting           |     |    | ▪              |                    |
| Immunofluorescence         | ▪   |    |                |                    |

Where this product 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 product for use in their own system using the appropriate negative/positive controls.

|                                       |  |
|---------------------------------------|--|
| <b>Target Species</b>                 | Viral  |
| <b>Product Form</b>                   | Purified IgG - liquid  |
| <b>Preparation</b>                    | Purified IgG prepared by affinity chromatography on Protein G from ascites |
| <b>Buffer Solution</b>                | Phosphate buffered saline  |
| <b>Preservative Stabilisers</b>       | <0.1% Sodium Azide (NaN <sub>3</sub> )                                     |
| <b>Approx. Protein Concentrations</b> | IgG concentration 1.0 mg/ml  |

**Immunogen** InfluenzaA strain: A/USSR/90/77.

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**External Database**

**Links**

**UniProt:**

[P03453](#)

[Related reagents](#)

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**RRID**

AB\_620586

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**Specificity**

**Mouse anti Influenza A haemagglutinin antibody, clone C102** recognizes the haemagglutinin of the Influenza A H1N1 serotype and does not react with H2N2, H3N2, Influenza B, RSV, Parainfluenza I, II or III, Adenovirus, mumps or measles antigens.

Mouse anti Influenza A haemagglutinin antibody, clone C102 has been used successfully for the detection of H1 influenza virus in a Surface Enhanced Raman Scattering biosensor assay demonstrating lack of reactivity with either H3 or H5 influenza A strains ([Lin et al. 2014](#)).

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**References**

1. Lin, Y.J. *et al.* (2014) A Rapid and Sensitive Early Diagnosis of Influenza Virus Subtype via Surface Enhanced Raman Scattering. [J Biosens Bioelectron 5: 150.](#)
  2. Forberg, H. *et al.* (2014) Early responses of natural killer cells in pigs experimentally infected with 2009 pandemic H1N1 influenza A virus. [PLoS One. 9:e100619.](#)
  3. Canelle, Q. *et al.* (2016) Evaluation of potential immunogenicity differences between Pandemrix™ and Arepanrix™. [Hum Vaccin Immunother. 12 \(9\): 2289-98.](#)
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**Storage**

This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee**

12 months from date of despatch

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**Health And Safety Information**

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/5315-2907>  
10040

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**Regulatory**

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...) [RPE](#)

Goat Anti Mouse IgG IgA IgM (STAR87...) [HRP](#)

Goat Anti Mouse IgG (STAR76...) [RPE](#)

Goat Anti Mouse IgG (STAR70...) [FITC](#)

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](#)

Rabbit Anti Mouse IgG (STAR13...) [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)  
'M405140:220916'

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