

Datasheet: 5315-2907

BATCH NUMBER 163838

Description:	MOUSE ANTI INFLUENZA A H1N1 HEMAGGLUTININ
Specificity:	INFLUENZA A H1N1 HEMAGGLUTININ
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	C102 (IV.C102)
Isotype:	IgG1
Quantity:	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.

	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.

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

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

External Database

Links

UniProt:

[P03453](#)

[Related reagents](#)

RRID

AB_620586

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](#)).

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.

Guarantee

12 months from date of despatch

Health And Safety Information

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

Regulatory

For research purposes only

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
'M405140:220916'

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