

Datasheet: 0300-0233

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|----------------------|------------------------|
| Description: | MOUSE ANTI INFLUENZA B |
| Specificity: | INFLUENZA B |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | 1131 (2B2) |
| Isotype: | IgG2b |
| 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 |
|----------------------------|-----|----|----------------|--------------------|
| Flow Cytometry | | | ▪ | |
| 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.

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| Target Species | Viral |
| Product Form | Purified IgG - liquid |
| Preparation | Purified IgG prepared by affinity chromatography on Protein A |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Approx. Protein Concentrations | Ig concentration 1.0 mg/ml |

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| Immunogen | Influenza B virus preparation. |
| RRID | AB_620589 |
| Specificity | <p>Mouse anti Influenza B virus antibody, clone 1131 recognizes the influenza B virus and exhibits nuclear staining in immunofluorescence and is therefore thought to recognize a nuclear protein.</p> <p>Influenza virus type B is a genus in the virus family <i>Orthomyxoviridae</i>, responsible for acute respiratory illnesses in humans. It varies antigenically from influenza virus types A and C and is not divided into any subtypes.</p> <p>The gradual evolution of Influenza virus type B occurs via a series of mutations known as antigenic drift, in the surface glycoprotein haemagglutinin (HA), enabling the virus to evade the immune system and potentially re-infect the same host. HA glycoproteins from the Influenza virus type B are included in the annually updated trivalent flu vaccine, along with the Influenza virus type A subtypes H3N2 and H1N1.</p> |
| Storage | <p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p> |
| Guarantee | 12 months from date of despatch |
| Health And Safety Information | Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

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|---|---|
| Goat Anti Mouse IgG IgA IgM (STAR87...) | Alk. Phos. , HRP |
| Goat Anti Mouse IgG (STAR77...) | HRP |
| Rabbit Anti Mouse IgG (STAR12...) | RPE |
| Rabbit Anti Mouse IgG (STAR8...) | DyLight@800 |
| Rabbit Anti Mouse IgG (STAR13...) | HRP |
| Goat Anti Mouse IgG (STAR76...) | RPE |
| Goat Anti Mouse IgG (STAR70...) | FITC |
| Goat Anti Mouse IgG (Fc) (STAR120...) | FITC , HRP |
| Rabbit Anti Mouse IgG (STAR9...) | FITC |
| Goat Anti Mouse IgG (H/L) (STAR117...) | Alk. Phos. , DyLight@488 , DyLight@680 , DyLight@800 , FITC , HRP |

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