

Datasheet: 4999-8607

**BATCH NUMBER 167523**

|                      |   |
|----------------------|---|
| <b>Description:</b>  | MOUSE ANTI HUMAN IMMUNODEFICIENCY VIRUS 1 p24 |
| <b>Specificity:</b>  | HUMAN IMMUNODEFICIENCY VIRUS 1 p24            |
| <b>Format:</b>       | Purified                                      |
| <b>Product Type:</b> | Monoclonal Antibody                           |
| <b>Clone:</b>        | 28E0  |
| <b>Isotype:</b>      | IgG1  |
| <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 |
|------------------------------|-----|----|----------------|--------------------|
| Immunohistology - Frozen (1) | ■   |    |                | 1/10 - 1/50        |
| Immunohistology - Paraffin   |     | ■  |                |                    |
| ELISA                        | ■   |    |                | 1/20 - 1/200       |
| Western Blotting             | ■   |    |                | 1/10 - 1/50        |
| Immunofluorescence           | ■   |    |                | 1/10 - 1/50        |

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.

**(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 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> | 0.1 mg/ml   |
| <b>Immunogen</b>                      | HIV p24.  |
| <b>RRID</b>                           | AB_620161   |
| <b>Specificity</b>                    | <b>Mouse anti Human immunodeficiency virus1 p24 antibody, clone 28E0</b> recognizes the HIV1 p24 gag protein forming the conical core of the virus that encapsulates the genomic RNA-nucleocapsid complex.  |
| <b>Storage</b>                        | <p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p> |
| <b>Guarantee</b>                      | 12 months from date of despatch   |
| <b>Health And Safety Information</b>  | Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/4999-8607">https://www.bio-rad-antibodies.com/SDS/4999-8607</a><br>10040   |
| <b>Regulatory</b>                     | For research purposes only  |

## Related Products

### Recommended Secondary Antibodies

|   |   |
|---|---|
| Goat Anti Mouse IgG (STAR77...)         | <a href="#">HRP</a>   |
| Rabbit Anti Mouse IgG (STAR12...)       | <a href="#">RPE</a>   |
| Goat Anti Mouse IgG (STAR70...)         | <a href="#">FITC</a>  |
| Goat Anti Mouse IgG IgA IgM (STAR87...) | <a href="#">Alk. Phos.</a> , <a href="#">HRP</a>  |
| Goat Anti Mouse IgG (STAR76...)         | <a href="#">RPE</a>   |
| Goat Anti Mouse IgG (H/L) (STAR117...)  | <a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®550</a> ,<br><a href="#">DyLight®650</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> ,<br><a href="#">FITC</a> , <a href="#">HRP</a> |
| Rabbit Anti Mouse IgG (STAR13...)       | <a href="#">HRP</a>   |
| Goat Anti Mouse IgG (Fc) (STAR120...)   | <a href="#">FITC</a> , <a href="#">HRP</a>  |
| Rabbit Anti Mouse IgG (STAR9...)        | <a href="#">FITC</a>  |

|                                  |   |                  |   |               |   |
|----------------------------------|---|------------------|---|---------------|---|
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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://www.bio-rad-antibodies.com/datasheets)  
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