

Datasheet: AHP1228

BATCH NUMBER 165019

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| Description: | RABBIT ANTI VSV-G TAG |
| Specificity: | VSV-G TAG |
| Other names: | VESICULAR STOMATITIS VIRUS GLYCOPROTEIN |
| Format: | Purified |
| Product Type: | Polyclonal Antibody |
| Isotype: | Polyclonal IgG |
| Quantity: | 50 µg |

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 | ▪ | | | 1/8000 - 1/32000 |
| Immunoprecipitation | | | ▪ | |
| Western Blotting | ▪ | | | 1/200 - 1/1000 |
| Immunofluorescence | | | ▪ | |
| Functional Assays | | | ▪ | |

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 appropriate negative/positive controls.

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| Target Species | Viral |
| Product Form | Purified IgG - liquid |
| Antiserum Preparation | Antisera to VSV-G were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography. |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | <0.1% Sodium Azide (NaN ₃) |

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| Approx. Protein Concentrations | IgG concentration 0.5mg/ml |
| Immunogen | Synthetic peptide corresponding to the carboxy terminal of vesicular stomatitis virus glycoprotein (VSV-G) |
| RRID | AB_844690 |
| Specificity | <p>Rabbit anti VSV-G Tag antibody recognizes recombinant proteins containing the Vesicular Stomatitis Virus Glycoprotein (VSV-G) epitope tag. Epitope tags are short peptide sequences that can be attached to proteins from all species, and do not affect the protein's biochemical properties.</p> <p>VSV is a member of the <i>Rhabdoviridae</i> family, and consists of a single RNA molecule that encodes five proteins, one of which is a surface glycoprotein (G). G is a type I membrane glycoprotein and is responsible for viral binding to cell surface receptors and initiating the infectious process. Rabbit anti VSV-G Tag antibody is suitable for immunofluorescence. However, filamentous staining may be observed at dilutions lower than 1:200.</p> |
| Further Reading | <p>1. Dreja, H. & Piechaczyk, M. (2006) The effects of N-terminal insertion into VSV-G of an scFv peptide. Virol J. 3: 69.</p> <p>2. Barber, G.N. (2005) VSV-tumor selective replication and protein translation. Oncogene. 24 (52): 7710-9.</p> |
| Storage | <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> |
| 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/AHP1228 10040 |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

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| Sheep Anti Rabbit IgG (STAR34...) | FITC |
| Sheep Anti Rabbit IgG (STAR35...) | RPE |
| Goat Anti Rabbit IgG (Fc) (STAR121...) | Biotin , FITC , HRP |
| Sheep Anti Rabbit IgG (STAR36...) | DyLight®488 , DyLight®680 , DyLight®800 |
| Goat Anti Rabbit IgG (H/L) (STAR124...) | HRP |

Recommended Useful Reagents

TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)

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|----------------------------------|---|------------------|---|---------------|---|
| North & South America | Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com | Worldwide | Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com | Europe | Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com |
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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

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