

Datasheet: AHP1228

**BATCH NUMBER 165019**

|                      |   |
|----------------------|---|
| <b>Description:</b>  | RABBIT ANTI VSV-G TAG                   |
| <b>Specificity:</b>  | VSV-G TAG                               |
| <b>Other names:</b>  | VESICULAR STOMATITIS VIRUS GLYCOPROTEIN |
| <b>Format:</b>       | Purified                                |
| <b>Product Type:</b> | Polyclonal Antibody                     |
| <b>Isotype:</b>      | Polyclonal IgG                          |
| <b>Quantity:</b>     | 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](http://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.

|                                 |  |
|---------------------------------|--|
| <b>Target Species</b>           | Viral  |
| <b>Product Form</b>             | Purified IgG - liquid  |
| <b>Antiserum Preparation</b>    | Antisera to VSV-G were raised by repeated immunisations of rabbits with highly purified antigen. Purified IgG prepared by affinity chromatography. |
| <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 0.5mg/ml  |
| <b>Immunogen</b>                      | Synthetic peptide corresponding to the carboxy terminal of vesicular stomatitis virus glycoprotein (VSV-G)  |
| <b>RRID</b>                           | AB_844690   |
| <b>Specificity</b>                    | <p><b>Rabbit anti VSV-G Tag antibody</b> 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> |
| <b>Further Reading</b>                | <ol style="list-style-type: none"> <li>Dreja, H. &amp; Piechaczyk, M. (2006) The effects of N-terminal insertion into VSV-G of an scFv peptide. <a href="#">Virol J. 3: 69.</a></li> <li>Barber, G.N. (2005) VSV-tumor selective replication and protein translation. <a href="#">Oncogene. 24 (52): 7710-9.</a></li> </ol>   |
| <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/AHP1228">https://www.bio-rad-antibodies.com/SDS/AHP1228</a><br>10040   |
| <b>Regulatory</b>                     | For research purposes only  |

## Related Products

### Recommended Secondary Antibodies

|   |   |
|---|---|
| Sheep Anti Rabbit IgG (STAR34...)       | <a href="#">FITC</a>  |
| Sheep Anti Rabbit IgG (STAR35...)       | <a href="#">RPE</a>   |
| Goat Anti Rabbit IgG (Fc) (STAR121...)  | <a href="#">Biotin</a> , <a href="#">FITC</a> , <a href="#">HRP</a>                     |
| Sheep Anti Rabbit IgG (STAR36...)       | <a href="#">DyLight®488</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> |
| Goat Anti Rabbit IgG (H/L) (STAR124...) | <a href="#">HRP</a>   |

## Recommended Useful Reagents

### TidyBlot WESTERN BLOT DETECTION REAGENT:HRP (STAR209P)

**North & South** Tel: +1 800 265 7376

**America** Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto: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](mailto: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](mailto:antibody_sales_de@bio-rad.com)

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)

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