

## Datasheet: AHP1228B

**BATCH NUMBER 147950**

<b>Description:</b>	RABBIT ANTI VSV-G TAG:Biotin
<b>Specificity:</b>	VSV-G TAG
<b>Other names:</b>	VESICULAR STOMATITIS VIRUS GLYCOPROTEIN
<b>Format:</b>	Biotin
<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	▪			1/3000 - 1/12000
Immunoprecipitation			▪	
Western Blotting	▪			
Immunofluorescence	▪			1/500 - 1/2000
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 conjugated to Biotin - 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>	0.09% Sodium Azide (NaN <sub>3</sub> )

1% Bovine Serum Albumin

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<b>Approx. Protein Concentrations</b>	IgG concentration 0.5mg/ml
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<b>Immunogen</b>	Synthetic peptide corresponding to the carboxy terminal of vesicular stomatitis virus glycoprotein (VSV-G)
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<b>RRID</b>	AB_872051
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<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>
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<b>Further Reading</b>	<ol style="list-style-type: none"><li>1. 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>2. Barber, G.N. (2005) VSV-tumor selective replication and protein translation. <a href="#">Oncogene. 24 (52): 7710-9.</a></li></ol>
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<b>Storage</b>	<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>
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<b>Guarantee</b>	12 months from date of despatch
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<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10041 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP1228B">https://www.bio-rad-antibodies.com/SDS/AHP1228B</a> 10041
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<b>Regulatory</b>	For research purposes only
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**North & South America** Tel: +1 800 265 7376

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

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