

## Datasheet: AHP1228B

<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</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Stabilisers</b>	1% Bovine Serum Albumin

<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_872051
<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 #10041 available at: <a href="https://www.bio-rad-antibodies.com/SDS/AHP1228B">https://www.bio-rad-antibodies.com/SDS/AHP1228B</a> 10041
<b>Regulatory</b>	For research purposes only

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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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