

Datasheet: AHP1228

BATCH NUMBER 152950

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.

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	0.09% Sodium Azide (NaN ₃)

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>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>
Guarantee	12 months from date of despatch
Health And Safety Information	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/AHP1228</p> <p>10040</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Recommended Useful Reagents

[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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