

Datasheet: MCA1360B

**BATCH NUMBER 164274**

<b>Description:</b>	MOUSE ANTI V5-TAG:Biotin
<b>Specificity:</b>	V5-TAG
<b>Other names:</b>	PK-TAG
<b>Format:</b>	Biotin
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	SV5-Pk1
<b>Isotype:</b>	IgG2a
<b>Quantity:</b>	0.1 mg

## 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	▪			1/250 - 1/2500
Western Blotting	▪			1/1000 - 1/5000

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>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% sodium azide (NaN <sub>3</sub> )

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Paramyxovirus Simian-Virus 5 (SV5)
<b>External Database Links</b>	<b>UniProt:</b> <a href="#">P11207</a> <a href="#">Related reagents</a>
<b>RRID</b>	AB_324248
<b>Fusion Partners</b>	Spleen cells from immunized BALB/c mice were fused with cells of the SP2/0 Ag14 myeloma cell line.
<b>Specificity</b>	<b>Mouse anti V5-Tag, clone SV5-Pk1</b> recognizes the sequence, IPNPLLGLD, present on the P/V proteins of the paramyxovirus, SV5 ( <a href="#">Dunn et al.1999</a> ). Clone SV5-Pk1 is used to detect recombinant proteins, some of which include transmembrane and secreted proteins, that have labeled with tags containing this sequence ( <a href="#">Randall et al.1993</a> and <a href="#">Zhao et al. 2005</a> ).
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**Storage** 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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/MCA1360B>  
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**Regulatory** For research purposes only

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