

Datasheet: MCA2324F

Description:	MOUSE ANTI SIMIAN VIRUS 5:FITC
Specificity:	SIMIAN VIRUS 5
Other names:	PIV5
Format:	FITC
Product Type:	Monoclonal Antibody
Clone:	SV5-Pk1
Isotype:	IgG2a
Quantity:	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.

	Yes	No	Not Determined	Suggested Dilution
Immunofluorescence	▪			1/100

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species	Viral		
Product Form	Purified IgG - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	FITC	490	525
Preparation	Purified IgG prepared by affinity chromatography on Protein G		
Buffer Solution	Phosphate buffered saline		
Preservative	0.09% Sodium Azide		
Stabilisers	1% Bovine Serum Albumin		
Approx. Protein Concentrations	IgG concentration 0.1 mg/ml		

Immunogen	Simian virus 5.
RRID	AB_324863
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the mouse SP2/0 Ag14 myeloma cell line.
Specificity	<p>Mouse anti Simian Virus 5 antibody, clone SV5-Pk1 recognizes the Simian Virus 5 (SV5), binding to an epitope on the P/V proteins.</p> <p>SV5 has been isolated from a range of species including human, canine, porcine and simian. There is evidence that it may infect a range of cell lines, including immortalised cells as well as primary monkey kidney cells.</p> <p>Infection of primary monkey kidney cells may lead to confusing results in viral diagnostic procedures that use these cells for viral isolation.</p>
References	1. Randall, R.E. <i>et al.</i> (1987) Isolation and characterization of monoclonal antibodies to simian virus 5 and their use in revealing antigenic differences between human, canine and simian isolates. J Gen Virol. 68 (Pt 11): 2769-80.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended. 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	Material Safety Datasheet documentation #10041 available at: 10041: https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf
Regulatory	For research purposes only

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: 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	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
----------------------------------	---	------------------	---	---------------	---

From March 15, 2021, we will no longer supply printed datasheets with our products.
Look out for updates on how to access your digital version at [bio-rad-antibodies.com](https://www.bio-rad-antibodies.com)

'M374414:201103'

Printed on 09 Feb 2021