

Datasheet: MCA2553

**BATCH NUMBER 166179**

<b>Description:</b>	MOUSE ANTI MONKEY IgA
<b>Specificity:</b>	IgA
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	IgA5-3B
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	0.25 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	▪			
Immunoprecipitation			▪	
Western Blotting	▪			

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>	Monkey
<b>Species Cross Reactivity</b>	<p>Reacts with: Cat, Rhesus Monkey, Dog, Human, Marmoset, Spotted Hyena</p> <p><b>N.B.</b> Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.</p>
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant

Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN <sub>3</sub> )
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Purified IgA from serum.
RRID	AB_770111
Specificity	<p><b>Mouse anti Monkey IgA antibody, clone IgA5-3B</b> recognizes monkey IgA and does not cross-react with IgG or IgM.</p> <p>Clone IgA5-3B has been shown to detect secreted IgA in cat saliva and rhesus monkey jejunal washes.</p>
Western Blotting	MCA2553 detects a band of approximately 55kDa under reducing conditions.
References	<ol style="list-style-type: none"> <li>Grant, C.K. (1995) Immunoglobulin changes associated with feline immunodeficiency virus infections. In: Feline immunology and immunodeficiency Eds. Willett, B.J. and Jarrett, O. Oxford University Press pp. 170-189.</li> <li>Grant, C.K. (1995) Purification and characterization of feline IgM and IgA isotypes and three subclasses of IgG. In: Feline immunology and immunodeficiency, Eds. Willett, B.J. and Jarrett, O. Oxford University Press pp. 95-107.</li> <li>Beatty, J.A. <i>et al.</i> (1998) Feline immunodeficiency virus (FIV)-associated lymphoma: a potential role for immune dysfunction in tumourigenesis. <a href="#">Vet Immunol Immunopathol. 65 (2-4): 309-22.</a></li> <li>Flies, A.S. <i>et al.</i> (2012) Development of a hyena immunology toolbox. <a href="#">Vet Immunol Immunopathol. 145 (1-2): 110-9.</a></li> <li>Holbrook, B.C. <i>et al.</i> (2015) Nonhuman primate infants have an impaired respiratory but not systemic IgG antibody response following influenza virus infection. <a href="#">Virology. 476: 124-33.</a></li> </ol>
Storage	<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>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/MCA2553">https://www.bio-rad-antibodies.com/SDS/MCA2553</a> 10040
Regulatory	For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">Alk. Phos.</a> , <a href="#">HRP</a>
Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®550</a> , <a href="#">DyLight®650</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>

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