

Datasheet: MCA2553

Description:	MOUSE ANTI MONKEY IgA
Specificity:	IgA
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	IgA5-3B
Isotype:	IgG1
Quantity:	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.

	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.

Target Species	Monkey
Species Cross Reactivity	Reacts with: Cat, Rhesus Monkey, Dog, Human, Marmoset, Spotted Hyena N.B. Antibody reactivity and working conditions may vary between species.
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.05% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Purified IgA from serum.

Specificity	<p>Mouse anti Monkey IgA antibody, clone IgA5-3B 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"> 1. Beatty, J.A. <i>et al.</i> (1998) Feline immunodeficiency virus (FIV)-associated lymphoma: a potential role for immune dysfunction in tumourigenesis. Vet Immunol Immunopathol. 65 (2-4): 309-22. 2. 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. 3. 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. 4. Flies, A.S. <i>et al.</i> (2012) Development of a hyena immunology toolbox. Vet Immunol Immunopathol. 145 (1-2): 110-9. 5. 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. Virology. 476: 124-33.
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	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...)	Alk. Phos. , HRP
Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (Fc) (STAR120...)	FITC , HRP
Rabbit Anti Mouse IgG (STAR9...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight®488 , DyLight®680 , DyLight®800 , FITC , HRP

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Printed on 11 Aug 2020

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