

Datasheet: MCA2553

BATCH NUMBER 157892

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	<p>Reacts with: Cat, Rhesus Monkey, Dog, Human, Marmoset, Spotted Hyena</p> <p>N.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>
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.
RRID	AB_770111
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	<p>Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/MCA2553</p> <p>10040</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

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

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

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