

Datasheet: MCA2553B

Description:	MOUSE ANTI MONKEY IgA:Biotin
Specificity:	IgA
Format:	Biotin
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
ELISA	■			

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 conjugated to Biotin - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	Purified IgA from serum.
RRID	AB_808605
Specificity	Mouse anti Monkey IgA antibody, clone IgA5-3B recognizes monkey IgA and does not cross-react with IgG or IgM.

Clone IgA5-3B has been shown to detect secreted IgA in cat saliva and rhesus monkey jejunal washes.

ELISA

This product may be used in a direct ELISA or as a detection antibody in a sandwich ELISA together with product code [MCA1891](#) as a capture reagent.

References

1. Beatty, J.A. *et al.* (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. *et al.* (2012) Development of a hyena immunology toolbox. [Vet Immunol Immunopathol. 145 \(1-2\): 110-9.](#)
5. Holbrook, B.C. *et al.* (2015) Nonhuman primate infants have an impaired respiratory but not systemic IgG antibody response following influenza virus infection. [Virology. 476: 124-33.](#)

Storage

Store at +4°C or at -20°C if preferred.
Storage in frost-free freezers is not recommended.
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.

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

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