

Datasheet: MCA2553B

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| 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.

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| 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. 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. |
| 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 | <0.1% Sodium Azide (NaN ₃) |

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| Approx. Protein Concentrations | IgG concentration 0.5mg/ml |
| Immunogen | Purified IgA from serum. |
| RRID | AB_808605 |
| 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> |
| 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 | <ol style="list-style-type: none"> 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. 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. 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. Flies, A.S. <i>et al.</i> (2012) Development of a hyena immunology toolbox. Vet Immunol Immunopathol. 145 (1-2): 110-9. 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>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: https://www.bio-rad-antibodies.com/SDS/MCA2553B 10040 |
| Regulatory | For research purposes only |

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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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