

Datasheet: MCA5689

Description:	MOUSE ANTI DUCK IgA1 HEAVY CHAIN
Specificity:	IgA1 HEAVY CHAIN
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	DuIgA1
Isotype:	IgG2a
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	▪			1ug/ml
Immunoprecipitation			▪	
Western Blotting	▪			1:100 - 1:1000
Immunofluorescence	▪			
Functional Assays			▪	

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	Duck
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)

Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Purified duck IgA.
RRID	AB_10672889
Specificity	<p>Mouse anti duck IgA1 heavy chain antibody, clone DulgA1 recognizes duck IgA1 (Immunoglobulin A1) heavy chain.</p> <p>Mouse anti duck IgA1 heavy chain antibody, clone DulgA1 has been demonstrated to recognize IgA1 in a range of duck species and strains including Mallard ducks, Pekin ducks (<i>Anas platyrhynchos</i>) and Muscovy duck (<i>Cairina moschata</i>). The antibody will also recognize goose IgA1 (<i>Anser sp.</i>).</p>
Histology Positive Control Tissue	Duck spleen
References	<ol style="list-style-type: none"> 1. Ferreira HL <i>et al.</i> (2010) Development of specific enzyme-linked immunosorbent assays to evaluate the duck immune response after experimental infection with H5N1 and H7N1 low pathogenic avian influenza viruses. Avian Dis. 54 (1 Suppl): 660-7. 2. Magor, K.E. (2011) Immunoglobulin genetics and antibody responses to influenza in ducks. Dev Comp Immunol. 35 (9): 1008-16. 3. Mao, S. <i>et al.</i> (2016) Development and evaluation of indirect ELISAs for the detection of IgG, IgM and IgA1 against duck hepatitis A virus 1. J Virol Methods. 237: 79-85. 4. Kang, M. <i>et al</i> (2018) Immunogenicity and safety of a live <i>Riemerella anatipestifer</i> vaccine and the contribution of IgA to protective efficacy in Pekin ducks Vet Microbiol 222: 132-8.
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/MCA5689 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR117...) [FITC](#), [HRP](#)

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: antibody_sales_us@bio-rad.com	Worldwide	Tel: +44 (0)1865 852 700 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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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
'M389584:210806'

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