

Datasheet: MCA2439

Description:	MOUSE ANTI BOVINE IgG
Specificity:	IgG
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	IL-A2
Isotype:	IgG1
Quantity:	0.25 mg

Product Details

RRID AB_10846823

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	▪			1/2500 - 1/15000
Immunoprecipitation	▪			
Western Blotting			▪	

Where this antibody 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 antibody for use in their own system using appropriate negative/positive controls.

Target Species Bovine

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 0.09% Sodium Azide

Approx. Protein Concentrations IgG concentration 1.0 mg/ml

Immunogen Purified bovine IgG

Fusion Partners Spleen cells from immunised BALB/c mice were fused with cells of the X63.Ag8.653 myeloma cell

line.

Specificity	Mouse anti Bovine IgG, clone IL-A2 is specific for bovine Immunoglobulin G (IgG). The specificity of this antibody for bovine IgG1 and IgG2 has been demonstrated by ELISA.
References	<ol style="list-style-type: none">1. VanDissel, J.T. <i>et al.</i> (2005) Bovine antibody-enriched whey to aid in the prevention of a relapse of <i>Clostridium difficile</i>-associated diarrhoea: preclinical and preliminary clinical data. J Med Microbiol. 54 (Pt 2): 197-205.2. Buza, J. <i>et al.</i> (1997) CD5+ B lymphocytes are the main source of antibodies reactive with non-parasite antigens in <i>Trypanosoma congolense</i>- infected cattle. Immunology 92: 226-33.3. Naessens, J. <i>et al.</i> (1988) Identification of isotypes and allotypes of bovine immunoglobulin M with monoclonal antibodies. Immunology. 63 (4): 569-74.4. Tabynov, K. <i>et al.</i> (2016) Prime-booster vaccination of cattle with an influenza viral vector <i>Brucella abortus</i> vaccine induces a long-term protective immune response against <i>Brucella abortus</i> infection. Vaccine. 34 (4): 438-44.5. Dorneles, E.M. <i>et al.</i> (2015) Immune Response of Calves Vaccinated with <i>Brucella abortus</i> S19 or RB51 and Revaccinated with RB51. PLoS One. 10 (9): e0136696.
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.
Shelf Life	18 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®549](#),
[DyLight®649](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)

Recommended Negative Controls

[MOUSE IgG1 NEGATIVE CONTROL \(MCA928\)](#)

'M340069:190104'

North & South Tel: +1 800 265 7376

America 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

Printed on 09 Jan 2019

© 2019 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)