

Datasheet: MCA2240GA

Description:	MOUSE ANTI CHICKEN CD41/CD61
Specificity:	CD41/CD61
Other names:	GPIIb-IIIa
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	11C3
Isotype:	IgG1
Quantity:	0.1 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	▪			1/10 - 1/50
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Immunoprecipitation	▪			
Western Blotting			▪	
Immunofluorescence	▪			

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	Chicken
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 (NaN ₃)

Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Peripheral blood leukocytes from white leghorn chicken
Fusion Partners	Spleen cells from immunised BALB/c mice were fused with cells of the X63/A63-653 myeloma cell line
Specificity	<p>Mouse anti Chicken CD41/61, clone 11C3 recognizes chicken integrin CD41/61, also known as GPIIb-IIIa. CD41/61 is a heterodimeric cell surface protein, expressed on chicken thrombocytes and cells of the thrombocyte lineage. Avian thrombocytes are nucleated equivalents of mammalian platelets playing roles in coagulation and phagocytosis.</p> <p>Mouse anti Chicken CD41/61 clone 11C3 is reported to induce thrombocyte activation (Lacoste-Eleau <i>et al.</i> 1994).</p>
Flow Cytometry	Use 10ul of the suggested working dilution to label 10 ⁶ cells in 100ul
References	<ol style="list-style-type: none"> Horiuchi, H. <i>et al.</i> (2004) A monoclonal antibody against chicken thrombocytes reacts with the cells of thrombocyte lineage. J Vet Med Sci. 66 (3): 243-50. Corbel, C. (2002) Expression of alphaVbeta3 integrin in the chick embryo aortic endothelium. Int J Dev Biol. 46 (6): 827-30. Del Cacho, E. <i>et al.</i> (2008) Isolation of chicken follicular dendritic cells. J Immunol Methods. 334: 59-69. Del Cacho, E. <i>et al.</i> (2009) Avian follicular and interdigitating dendritic cells: isolation and morphologic, phenotypic, and functional analyses. Vet Immunol Immunopathol. 129: 66-75. Ody, C. <i>et al.</i> (1999) Glycoprotein IIb-IIIa is expressed on avian multilineage hematopoietic progenitor cells. Blood 93: 2898-906. Chaussé, A.M. <i>et al.</i> (2011) Expression of Toll-like receptor 4 and downstream effectors in selected cecal cell subpopulations of chicks resistant or susceptible to <i>Salmonella</i> carrier state. Infect Immun. 79: 3445-54. Balic, A. <i>et al.</i> (2014) Visualisation of chicken macrophages using transgenic reporter genes: insights into the development of the avian macrophage lineage. Development 141: 3255-65.
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

Acknowledgements This antibody is licensed from INRA-INSERM

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 (STAR77...) [HRP](#)
Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
Rabbit Anti Mouse IgG (STAR8...) [DyLight®800](#)
Goat Anti Mouse IgG (STAR76...) [RPE](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®680](#),
[DyLight®800](#), [FITC](#), [HRP](#)
Goat Anti Mouse IgG (STAR70...) [FITC](#)

Recommended Useful Reagents

[MOUSE ANTI CHICKEN CSF1R:Alexa Fluor® 488 \(MCA5956A488\)](#)
[MOUSE ANTI CHICKEN CSF1R:Alexa Fluor® 647 \(MCA5956A647\)](#)
[MOUSE ANTI CHICKEN CSF1R \(MCA5956GA\)](#)
[MOUSE ANTI CHICKEN CD3 \(MCA1473\)](#)
[MOUSE ANTI CHICKEN MHC CLASS II MONOMORPHIC \(MCA2171GA\)](#)
[MOUSE ANTI CHICKEN MONOCYTES/MACROPHAGES \(MCA5770\)](#)
[MOUSE ANTI CHICKEN Bu-1a/b \(MCA5764\)](#)

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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](https://www.bio-rad-antibodies.com/datasheets)

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