

## Datasheet: MCA2240F

<b>Description:</b>	MOUSE ANTI CHICKEN CD41/CD61:FITC
<b>Specificity:</b>	CD41/CD61
<b>Other names:</b>	GPIIb-IIIa
<b>Format:</b>	FITC
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	11C3
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			Neat - 1/2

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.

<b>Target Species</b>	Chicken		
<b>Product Form</b>	Purified IgG conjugated to Fluorescein Isothiocyanate Isomer 1 (FITC) - liquid		
<b>Max Ex/Em</b>	<b>Fluorophore</b>	<b>Excitation Max (nm)</b>	<b>Emission Max (nm)</b>
	FITC	490	525
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant		
<b>Buffer Solution</b>	Phosphate buffered saline		
<b>Preservative</b>	0.09% Sodium Azide		
<b>Stabilisers</b>	1% Bovine Serum Albumin		
<b>Approx. Protein Concentrations</b>	IgG concentration 0.1 mg/ml		

<b>Immunogen</b>	Peripheral blood leukocytes from white leghorn chicken
<b>RRID</b>	AB_2128896
<b>Fusion Partners</b>	Spleen cells from immunised BALB/c mice were fused with cells of the X63/A63-653 myeloma cell line
<b>Specificity</b>	<p><b>Mouse anti Chicken CD41/61, clone 11C3</b> 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 (<a href="#">Lacoste-Eleaume <i>et al.</i> 1994</a>).</p>
<b>Flow Cytometry</b>	Use 10ul of the suggested working dilution to label 10 <sup>6</sup> cells in 100ul.
<b>References</b>	<ol style="list-style-type: none"> <li>Horiuchi, H. <i>et al.</i> (2004) A monoclonal antibody against chicken thrombocytes reacts with the cells of thrombocyte lineage. <a href="#">J Vet Med Sci. 66 (3): 243-50.</a></li> <li>Corbel, C. (2002) Expression of alphaVbeta3 integrin in the chick embryo aortic endothelium. <a href="#">Int J Dev Biol. 46 (6): 827-30.</a></li> <li>Del Cacho, E. <i>et al.</i> (2008) Isolation of chicken follicular dendritic cells. <a href="#">J Immunol Methods. 334: 59-69.</a></li> <li>Del Cacho, E. <i>et al.</i> (2009) Avian follicular and interdigitating dendritic cells: isolation and morphologic, phenotypic, and functional analyses. <a href="#">Vet Immunol Immunopathol. 129: 66-75.</a></li> <li>Ody, C. <i>et al.</i> (1999) Glycoprotein IIb-IIIa is expressed on avian multilineage hematopoietic progenitor cells. <a href="#">Blood 93: 2898-906.</a></li> <li>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. <a href="#">Infect Immun. 79: 3445-54.</a></li> <li>Balic, A. <i>et al.</i> (2014) Visualisation of chicken macrophages using transgenic reporter genes: insights into the development of the avian macrophage lineage. <a href="#">Development 141: 3255-65.</a></li> </ol>
<b>Storage</b>	<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. This product is photosensitive and should be protected from light.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Acknowledgements</b>	This antibody is licensed from INRA-INSERM

**Health And Safety  
Information**

Material Safety Datasheet documentation #10041 available at:  
10041: <https://www.bio-rad-antibodies.com/uploads/MSDS/10041.pdf>

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