

Datasheet: 102011S

**BATCH NUMBER 169899**

<b>Description:</b>	GOAT ANTI MOUSE IgM:APC (HUMAN ADSORBED)
<b>Specificity:</b>	IgM
<b>Format:</b>	APC
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			Neat - 1/5
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
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.

<b>Target Species</b>	Mouse						
<b>Product Form</b>	Purified Ig conjugated to Allophycocyanin (APC) - liquid						
<b>Max Ex/Em</b>	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>APC</td> <td>650</td> <td>661</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	APC	650	661
Fluorophore	Excitation Max (nm)	Emission Max (nm)					
APC	650	661					
<b>Preparation</b>	Purified Ig prepared by affinity chromatography on IgM covalently linked to agarose						
<b>Buffer Solution</b>	Phosphate buffered saline						
<b>Preservative</b>	<0.1% Sodium Azide (NaN <sub>3</sub> )						
<b>Stabilisers</b>	Stabilizing agent (sucrose)						
<b>Approx. Protein</b>	IgG concentration 0.5 mg/ml						

## Concentrations

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**Immunogen** Mouse IgM paraproteins.

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## External Database Links

### UniProt:

[P01873](#) [Related reagents](#)

[P01872](#) [Related reagents](#)

### Entrez Gene:

[16019](#) Ighm [Related reagents](#)

[16019](#) Ighm [Related reagents](#)

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**RRID** AB\_616698

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**Specificity** **Goat anti Mouse IgM antibody** recognizes the heavy chain of mouse IgM as demonstrated by ELISA and flow cytometry. Minimal cross reactivity is observed with human immunoglobulins.

This Goat anti Mouse IgM polyclonal antibody has been cross absorbed against Mouse IgG<sub>1</sub>, IgG<sub>2a</sub>, IgG<sub>2b</sub>, IgG<sub>3</sub> and IgA, pooled human sera and purified human paraproteins.

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**Flow Cytometry** Use 10ul of the suggested working dilution to label 1x10<sup>6</sup> cells in 100ul.

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**References** 1. Ngoepe, T.A. *et al.* (2023) Th1 and Th2 epitopes of Cowdria polymorphic gene 1 of *Ehrlichia ruminantium*. [Onderstepoort J Vet Res. 90 \(1\): e1-e15.](#)

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**Storage** +4°C DO NOT FREEZE  
This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee** Guaranteed for 12 months from the date of despatch or until the date of expiry, whichever comes first. Please see label for expiry date.

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**Health And Safety Information** Material Safety Datasheet documentation #10045 available at: <https://www.bio-rad-antibodies.com/SDS/102011S>

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**Regulatory** For research purposes only

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**Product inquiries:** [www.bio-rad-antibodies.com/technical-support](http://www.bio-rad-antibodies.com/technical-support)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)

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