

Datasheet: 102009

BATCH NUMBER 158070

Description:	GOAT ANTI MOUSE IgM:RPE
Specificity:	IgM
Format:	RPE
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.5 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	■			

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	Mouse		
Product Form	Purified Ig conjugated to R. Phycoerythrin (RPE) - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	RPE 488nm laser	496	578

Antiserum Preparation Purified Ig prepared by affinity chromatography on IgM covalently linked to agarose

Buffer Solution	Phosphate buffered saline
Preservative	0.1% Sodium azide
Stabilisers	Stabilizing agent
Approx. Protein Concentrations	Ig concentration 0.5 mg/ml
Immunogen	Mouse IgM paraproteins

**External Database
Links**

UniProt:

[P01872](#) [Related reagents](#)
[P01873](#) [Related reagents](#)

Entrez Gene:

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

RRID

AB_616863

Specificity

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

Goat anti mouse IgM antibody has been cross absorbed against Mouse IgG₁, IgG_{2a}, IgG_{2b}, IgG₃ and IgA, pooled human sera and purified human paraproteins.

References

1. Kerr, K. *et al.* (2010) Inflammatory cytokine responses in a pregnant mouse model of *Chlamydomphila abortus* infection. [Vet Microbiol. 144 \(3-4\): 392-8.](#)
2. Ferrian, S. *et al.* (2012) Effect of high temperature on blood lymphocyte populations in two different genetic rabbit lines. [Proceedings 10 th World Rabbit Congress 1169-73](#)
3. Kamat, M.M. *et al.* (2016) Changes in Myeloid Lineage Cells in the Uterus and Peripheral Blood of Dairy Heifers During Early Pregnancy. [Biol Reprod. 95 \(3\): 68.](#)
4. Monzo, H.J. *et al.* (2017) Insulin promotes cell migration by regulating PSA-NCAM. [Exp Cell Res. 355 \(1\): 26-39.](#)
5. Desancé, M. *et al.* (2018) Chondrogenic Differentiation of Defined Equine Mesenchymal Stem Cells Derived from Umbilical Cord Blood for Use in Cartilage Repair Therapy. [Int J Mol Sci. 19 \(2\)Feb 10 \[Epub ahead of print\].](#)
6. Penadés, M. *et al.* (2018) Long-term implications of feed energy source in different genetic types of reproductive rabbit females. II. Immunologic status. [Animal. 12 \(9\): 1877-85.](#)
7. Penadés, M. *et al.* (2019) Early deviations in performance, metabolic and immunological indicators affect stayability in rabbit females. [Animal. : 1-10.](#)

Storage

Store at +4°C. DO NOT FREEZE.

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.

Guarantee

Guaranteed until date of expiry. Please see product label.

**Health And Safety
Information**

Material Safety Datasheet documentation #10331 available at:
<https://www.bio-rad-antibodies.com/SDS/102009>
10331

Regulatory

For research purposes only

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	To find a
----------------------------------	---	------------------	---	---------------	---	-----------

batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M350072:190307'

Printed on 25 Apr 2024

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)