

Datasheet: 102009

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

Product Details

RRID AB_616863

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](#)**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 *Chlamydophila 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.](#)

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: 10331: <https://www.bio-rad-antibodies.com/uploads/MSDS/10331.pdf>

Regulatory

For research purposes only

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