

Datasheet: 102007

Description:	GOAT ANTI MOUSE IgM:Texas Red®
Specificity:	IgM
Format:	Texas Red®
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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	▪			

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 Texas Red® (TXRD) - Liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	Texas Red	596	615

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

Buffer Solution Phosphate buffered saline

Preservative Stabilisers <0.1% Sodium Azide (NaN₃)

Approx. Protein Concentrations Ig concentration 1.0 mg/ml

Immunogen Mouse IgM paraproteins

External Database
UniProt:

Links[P01872](#) [Related reagents](#)[P01873](#) [Related reagents](#)**Entrez Gene:**[16019](#) Ighm [Related reagents](#)[16019](#) Ighm [Related reagents](#)**RRID**

AB_616888

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.](#)
7. Penadés, M. *et al.* (2019) Early deviations in performance, metabolic and immunological indicators affect stayability in rabbit females. [Animal. : 1-10.](#)

Storage

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.

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.

Guarantee

Guaranteed until date of expiry. Please see product label.

Acknowledgements

Texas Red® is a registered trademark of Molecular Probes, Inc.

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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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

'M387468:210629'

Printed on 20 Oct 2021

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