Datasheet: 102008

Description:	GOAT ANTI MOUSE IgM:Biotin
Specificity:	IgM
Format:	Biotin
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	▪			
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA	▪			
Western Blotting			▪	
Immunofluorescence	▪			
Immunoblotting	▪			

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 IgG conjugated to Biotin - liquid
Preparation	Purified Ig prepared by affinity chromatography on IgM covalently linked to agarose
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN_3)
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 IgG_1, IgG_{2a}, IgG_{2b}, IgG_3 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].
Storage	Store at +4ºC or at -20ºC if preferred. Storage in frost-free freezers is not recommended. 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.
Shelf Life	Please see label for expiry date.
Health And Safety Information	Material Safety Datasheet documentation #10303 available at: 10303: https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf
Regulatory	For research purposes only

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Printed on 21 Jun 2018