

Datasheet: 102005

BATCH NUMBER 170809

Description:	GOAT ANTI MOUSE IgM:HRP
Specificity:	IgM
Format:	HRP
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

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
Immunohistology - Frozen	■			
Immunohistology - Paraffin			■	
ELISA	■			1/4,000 - 1/8,000
Western Blotting			■	
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 Ig conjugated to Horseradish Peroxidase (HRP) - liquid
Antiserum Preparation	Purified Ig prepared by affinity chromatography on IgM covalently linked to agarose
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	50% Glycerol
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_619903

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.

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- 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. 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.](#)
 3. Monzo, H.J. *et al.* (2017) Insulin promotes cell migration by regulating PSA-NCAM. [Exp Cell Res. 355 \(1\): 26-39.](#)
 4. 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 \(2\): 537.](#)
 5. 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.](#)
 6. Penadés, M. *et al.* (2019) Early deviations in performance, metabolic and immunological indicators affect stayability in rabbit females. [Animal. : 1-10.](#)
 7. Tchen, J. *et al.* (2024) PD-L1- and IL-4-expressing basophils promote pathogenic accumulation of T follicular helper cells in lupus. [Nat Commun. 15 \(1\): 3389.](#)

Storage Store at -20°C only.
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.

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.

Health And Safety Information Material Safety Datasheet documentation #10106 available at:
<https://www.bio-rad-antibodies.com/SDS/102005>
10106

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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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

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