

Datasheet: STAR86

BATCH NUMBER 168052

Description:	GOAT ANTI MOUSE IgM
Specificity:	IgM
Format:	Purified
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	▪			5ug/ml as coating antibody
Immunoprecipitation			▪	
Western Blotting			▪	

Where this antibody has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

Target Species	Mouse
Product Form	Purified IgG - liquid
Antiserum Preparation	Antisera to mouse IgM were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

Immunogen Mouse IgM mu heavy chain.

External Database

Links

UniProt:

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

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

Entrez Gene:

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

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

RRID

AB_321863

Specificity

Goat anti Mouse IgM antibody recognizes murine IgM and is cross-adsorbed to reduce reactivity with other mouse heavy or light chains.

References

1. Yan, Y. *et al.* (2003) Pathogenesis of autoimmunity after xenogeneic thymus transplantation. [J Immunol. 170 \(12\): 5936-46.](#)
 2. Fish, J.E. *et al.* (2005) The expression of endothelial nitric-oxide synthase is controlled by a cell-specific histone code. [J Biol Chem. 280: 24824-38.](#)
 3. Lehours, P. *et al.* (2009) Is there a link between the lipopolysaccharide of *Helicobacter pylori* gastric MALT lymphoma associated strains and lymphoma pathogenesis? [PLoS One. 4: e7297.](#)
 4. Skoglund, A. *et al.* (2012) A changing gastric environment leads to adaptation of lipopolysaccharide variants in *Helicobacter pylori* populations during colonization. [PLoS One. 4: e5885.](#)
 5. Schweighoffer, E. *et al.* (2013) The BAFF receptor transduces survival signals by co-opting the B cell receptor signaling pathway. [Immunity. 38: 475-88.](#)
 6. Vanderstock, J.M. *et al.* (2018) Phagocytosis, bacterial killing, and cytokine activation of circulating blood neutrophils in horses with severe equine asthma and control horses. [Am J Vet Res. 79 \(4\): 455-64.](#)
 7. Joshi, D. *et al.* (2021) Novel ablative laser mediated transdermal immunization for microparticulate measles vaccine. [Int J Pharm. 606: 120882.](#)
 8. 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.](#)
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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.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/STAR8610040>

Related Products

Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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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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