

## Datasheet: STAR86P

<b>Description:</b>	GOAT ANTI MOUSE IgM:HRP
<b>Specificity:</b>	IgM
<b>Format:</b>	HRP
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			1/50
ELISA	▪			1/1000
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. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the antibody for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Mouse
<b>Product Form</b>	Purified IgG conjugated to Horseradish Peroxidase (HRP) - 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.

<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	HRP Stabiliser ( <a href="#">BUF052A</a> ) 0.01% Thiomersal
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	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](#)

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

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**References**

1. Yan, Y. *et al.* (2003) Pathogenesis of autoimmunity after xenogeneic thymus transplantation. [J. Immunol. 170: 5936-5946.](#)
2. 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.](#)
3. 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.](#)
4. 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.](#)
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.](#)

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**Storage** Store at +4°C. DO NOT FREEZE.  
This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Shelf Life** 18 months from date of despatch.

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**Health And Safety Information** Material Safety Datasheet documentation #10131 available at:  
10131: <https://www.bio-rad-antibodies.com/uploads/MSDS/10131.pdf>

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**Regulatory** For research purposes only

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## 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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