

## Datasheet: STAR86PE

<b>Description:</b>	GOAT ANTI MOUSE IgM:RPE
<b>Specificity:</b>	IgM
<b>Format:</b>	RPE
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.5 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](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry	▪			1/50 - 1/100

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 R. Phycoerythrin (RPE) - lyophilized						
<b>Reconstitution</b>	Reconstitute with 0.5 ml distilled water						
<b>Max Ex/Em</b>	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>RPE 488nm laser</td> <td>496</td> <td>578</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	RPE 488nm laser	496	578
Fluorophore	Excitation Max (nm)	Emission Max (nm)					
RPE 488nm laser	496	578					

**Antiserum Preparation** Antisera to mouse IgM were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

**Buffer Solution** Phosphate buffered saline

**Preservative** 0.09% Sodium Azide

**Stabilisers** 1% Bovine Serum Albumin

5% Sucrose

**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\_321867

---

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

---

**Flow Cytometry**        Use 50ul of the suggested working dilution to label 10<sup>6</sup> cells in 100ul.

---

**References**

1. Yan, Y. *et al.* (2003) Pathogenesis of autoimmunity after xenogeneic thymus transplantation. [J Immunol. 170 \(12\): 5936-46.](#)
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.](#)

---

**Storage**                      Prior to reconstitution store at +4°C. Following reconstitution store at +4°C.

This product should be stored undiluted.

DO NOT FREEZE. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

---

**Guarantee**                      18 months from date of reconstitution.

---

**Health And Safety  
Information**                  Material Safety Datasheet documentation #10075 available at:  
10075: <https://www.bio-rad-antibodies.com/uploads/MSDS/10075.pdf>

---

**Regulatory**                      For research purposes only

---

**North & South**    Tel: +1 800 265 7376

**America**                      Fax: +1 919 878 3751

                                    Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

                                    Tel: +44 (0)1865 852 700

                                    Fax: +44 (0)1865 852 739

                                    Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

                                    Tel: +49 (0) 89 8090 95 21

                                    Fax: +49 (0) 89 8090 95 50

                                    Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

From March 15, 2021, we will no longer supply printed datasheets with our products. Look out for updates on how to access your digital version at [bio-rad-antibodies.com](https://www.bio-rad-antibodies.com)

**Printed on 10 Feb 2021**

---

© 2021 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)