

## Datasheet: STAR87P

<b>Description:</b>	GOAT ANTI MOUSE IgG/A/M:HRP (HUMAN ADSORBED)
<b>Specificity:</b>	IgG IgA 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			▪	
ELISA	▪			1/1000 - 1/3000
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 Ig were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography from tissue culture supernatant.

<b>Buffer Solution</b>	Phosphate buffered saline
------------------------	---------------------------

<b>Preservative Stabilisers</b>	0.01% Thiomersal
---------------------------------	------------------

<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
---------------------------------------	-----------------------------

<b>Immunogen</b>	Mouse IgG purified from normal mouse serum, mouse IgA and IgM purified from ascitic
------------------	-------------------------------------------------------------------------------------

fluid.

---

**External Database****Links****UniProt:**

[P01867](#) [Related reagents](#)  
[P01865](#) [Related reagents](#)  
[P01864](#) [Related reagents](#)  
[P01863](#) [Related reagents](#)  
[P01869](#) [Related reagents](#)  
[P01868](#) [Related reagents](#)  
[P03987](#) [Related reagents](#)  
[P01872](#) [Related reagents](#)  
[P01873](#) [Related reagents](#)  
[P01878](#) [Related reagents](#)

**Entrez Gene:**

[16016](#) Ighg2b [Related reagents](#)  
[380793](#) Igh-1a [Related reagents](#)  
[16017](#) Ighg1 [Related reagents](#)  
[16017](#) Ighg1 [Related reagents](#)  
[380793](#) Igh-1a [Related reagents](#)  
[380793](#) Igh-1a [Related reagents](#)  
[16019](#) Ighm [Related reagents](#)  
[16019](#) Ighm [Related reagents](#)  
[16061](#) Igh-VJ558 [Related reagents](#)  
[380795](#) AI324046 [Related reagents](#)

---

**Synonyms**

Igh-4

---

**RRID**

AB\_321854

---

**Specificity**

**Goat anti Mouse IgG/A/M (Human Adsorbed) antibody** recognizes all subclasses of murine immunoglobulin and has been adsorbed against human, bovine and hamster immunoglobulins.

---

**References**

1. Bergmeier, L.A. *et al.* (2005) Mucosal alloimmunization elicits T-cell proliferation, CC chemokines, CCR5 antibodies and inhibition of simian immunodeficiency virus infectivity. [J Gen Virol. 86: 2231-8.](#)
2. Peters, B. *et al.* (2004) Effect of heterosexual intercourse on mucosal alloimmunisation and resistance to HIV-1 infection. [Lancet. 363: 518-24.](#)
3. Bartlomiejczyk, M.A. *et al.* (2014) Interaction of lectin pathway of complement-activating pattern recognition molecules with mycobacteria. [Clin Exp Immunol. 178 \(2\): 310-9.](#)
4. Kubelkova, K. *et al.* (2021) Early infection-induced natural antibody response. [Sci Rep. 11 \(1\): 1541.](#)
5. Grandoni, F. *et al.* (2017) Characterization of leukocyte subsets in buffalo (*Bubalus bubalis*.) with cross-reactive monoclonal antibodies specific for bovine MHC class I and

class II molecules and leukocyte differentiation molecules. [Dev Comp Immunol. 74: 101-109.](#)

---

**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 #10094 available at: <https://www.bio-rad-antibodies.com/SDS/STAR87P>  
10094

---

**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+ \(BUF054A\)](#)

**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)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
'M428767:240301'

**Printed on 01 Mar 2024**

---

© 2024 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)