

## Datasheet: STAR77

**BATCH NUMBER 158870**

<b>Description:</b>	GOAT ANTI MOUSE IgG:HRP (RAT ADSORBED)
<b>Specificity:</b>	IgG
<b>Format:</b>	HRP
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	0.5 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	▪			1/50
Immunohistology - Paraffin	▪			
ELISA	▪			1/500 - 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
<b>Antiserum Preparation</b>	Antisera to mouse IgG 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>	0.01% Thiomersal
<b>Approx. Protein Concentrations</b>	IgG concentration 0.5 mg/ml
<b>Immunogen</b>	Purified mouse IgG.

**External Database  
Links**

**UniProt:**

<a href="#">P01869</a>	<a href="#">Related reagents</a>
<a href="#">P03987</a>	<a href="#">Related reagents</a>
<a href="#">P01864</a>	<a href="#">Related reagents</a>
<a href="#">P01868</a>	<a href="#">Related reagents</a>
<a href="#">P01865</a>	<a href="#">Related reagents</a>
<a href="#">P01867</a>	<a href="#">Related reagents</a>
<a href="#">P01863</a>	<a href="#">Related reagents</a>

**Entrez Gene:**

<a href="#">16017</a>	Ighg1	<a href="#">Related reagents</a>
<a href="#">380795</a>	AI324046	<a href="#">Related reagents</a>
<a href="#">16016</a>	Ighg2b	<a href="#">Related reagents</a>
<a href="#">16017</a>	Ighg1	<a href="#">Related reagents</a>
<a href="#">380793</a>	Igh-1a	<a href="#">Related reagents</a>
<a href="#">380793</a>	Igh-1a	<a href="#">Related reagents</a>
<a href="#">380793</a>	Igh-1a	<a href="#">Related reagents</a>

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**Synonyms** Igh-4

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**RRID** AB\_321915

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**Specificity** **Horseradish peroxidase conjugated Goat anti Mouse IgG Antibody (STAR77)** recognizes mouse IgG. Cross-reactivity with rat immunoglobulins has been reduced by solid phase adsorption.

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**References**

1. Yang, L.P. *et al.* (2009) Baicalein reduces inflammatory process in a rodent model of diabetic retinopathy. [Invest Ophthalmol Vis Sci. 50: 2319-27.](#)
2. Bhrany, A.D. *et al.* (2008) Crosslinking of an oesophagus acellular matrix tissue scaffold. [J Tissue Eng Regen Med. 2: 365-72.](#)
3. Sourial-Bassillious, N. *et al.* (2006) Effect of TNF-alpha on CD3-zeta and MHC-I in postnatal rat hippocampus. [Pediatr Res. 60: 377-81.](#)
4. Madden, J. *et al.* (2009) Altered monocyte CD44 expression in peripheral arterial disease is corrected by fish oil supplementation. [Nutr Metab Cardiovasc Dis. 19: 247-52.](#)
5. Liu Z *et al.* (2016) Partial protective immunity against toxoplasmosis in mice elicited by recombinant *Toxoplasma gondii* malate dehydrogenase. [Vaccine. 34 \(7\): 989-94.](#)

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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.

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**Guarantee** 12 months from date of despatch

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**Health And Safety  
Information**

Material Safety Datasheet documentation #10094 available at:  
<https://www.bio-rad-antibodies.com/SDS/STAR77>  
10094

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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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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)

'M387632:210706'

**Printed on 18 Jan 2024**

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