

## Datasheet: STAR132P

**BATCH NUMBER 149974**

<b>Description:</b>	GOAT ANTI MOUSE IgG1:HRP
<b>Specificity:</b>	IgG1
<b>Format:</b>	HRP
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 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
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			
ELISA	▪			1/4000 - 1/8000
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.

#### Target Species

Mouse

#### Species Cross Reactivity

Does not react with:Human

#### Product Form

Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid

#### Antiserum Preparation

Antisera to murine IgG1 were raised by repeated immunisation of goats with purified antigen. Purified IgG was prepared by affinity chromatography.

#### Buffer Solution

Phosphate buffered saline

#### Preservative Stabilisers

0.01% Thiomersal  
50% Glycerol

#### Immunogen

Mouse IgG1 paraproteins.

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**External Database****Links****UniProt:**[P01869](#)    [Related reagents](#)[P01868](#)    [Related reagents](#)**Entrez Gene:**[16017](#) Ighg1    [Related reagents](#)[16017](#) Ighg1    [Related reagents](#)

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**Synonyms**

Igh-4

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**RRID**

AB\_2124272

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**Specificity**

**Goat anti Mouse IgG1 antibody** recognizes Mouse IgG1. This antibody has been cross absorbed against mouse IgM, IgG2a, IgG2b, IgG3 and IgA, pooled human sera and purified human paraproteins. Goat anti Mouse IgG1 antibody shows minimal cross-reactivity with human immunoglobulins.

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**References**

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10. Zhao, Z. *et al.* (2015) Multiple B-cell epitope vaccine induces a Staphylococcus enterotoxin B-specific IgG1 protective response against MRSA infection. [Sci Rep. 5: 12371.](#)
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12. Gutierrez, B. *et al.* (2020) Oleanolic acid ameliorates intestinal alterations associated with EAE [Journal of Neuroinflammation. 17 \(1\) \[Epub ahead of print\].](#)

13. Apóstolo, N. *et al.* (2020) Synapse type-specific proteomic dissection identifies IgSF8 as a hippocampal CA3 microcircuit organizer. [Nat Commun. 11 \(1\): 5171.](#)
14. Zhuang, X. *et al.* (2020) CAR T cells targeting tumor endothelial marker CLEC14A inhibit tumor growth. [JCI Insight. 5 \(19\) Oct 02 \[Epub ahead of print\].](#)
15. Sparks, A.M. *et al.* (2018) Natural Selection on Antihelminth Antibodies in a Wild Mammal Population. [Am Nat. 192 \(6\): 745-760.](#)

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**Storage** Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10097 available at: <https://www.bio-rad-antibodies.com/SDS/STAR132P>  
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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 \(BUF052C\)](#)

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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)

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