

## Datasheet: STAR132A

**BATCH NUMBER 158046**

<b>Description:</b>	GOAT ANTI MOUSE IgG1:Alk. Phos.
<b>Specificity:</b>	IgG1
<b>Format:</b>	Alk. Phos.
<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	▪			1/2000 - 1/4000
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 Alkaline Phosphatase - liquid

#### Antiserum Preparation

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

#### Buffer Solution

50mM TRIS  
1mM MgCl<sub>2</sub>

#### Preservative Stabilisers

0.1% Sodium Azide (NaN<sub>3</sub>)  
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\_2124270

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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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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.

Storage in frost-free freezers is not recommended.

This product should be stored undiluted. 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**

Guaranteed until date of expiry. Please see product label.

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**Health And Safety Information**

Material Safety Datasheet documentation #10322 available at: <https://www.bio-rad-antibodies.com/SDS/STAR132A>  
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**Regulatory**

For research purposes only

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