

## Datasheet: STAR133P

**BATCH NUMBER 155597**

<b>Description:</b>	GOAT ANTI MOUSE IgG2a:HRP
<b>Specificity:</b>	IgG2a
<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 mouse IgG2a were raised by repeated immunisation of goats with purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

#### Buffer Solution

Phosphate buffered saline

#### Preservative Stabilisers

0.01% Thiomersal  
50% Glycerol

#### Immunogen

IgG2a paraproteins from BALB/c mice

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

[P01865](#)     [Related reagents](#)  
[P01863](#)     [Related reagents](#)  
[P01864](#)     [Related reagents](#)

**Entrez Gene:**

[380793](#) Igh-1a   [Related reagents](#)  
[380793](#) Igh-1a   [Related reagents](#)  
[380793](#) Igh-1a   [Related reagents](#)

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**RRID**

AB\_1102655

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**Specificity**

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

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**References**

1. Knipping, K. *et al.* (2011) A gastrointestinal rotavirus infection mouse model for immune modulation studies. [Virology J. 8: 109.](#)
2. Bagai, U. & Pawar, A. (2013) A blood stage fraction of Plasmodium berghei induces protective and long lasting immune response in BALB/c mice. [Parasitol Int. 62 \(3\): 329-36.](#)
3. Hwang, S.R. *et al.* (2015) Altered expression levels of neurodevelopmental proteins in fetal brains of BTBR T+tf/J mice with autism-like behavioral characteristics. [J Toxicol Environ Health A. 78 \(8\): 516-23.](#)
4. 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.](#)
5. Mola, S. *et al.* (2020) A transcriptome-based approach to identify functional modules within and across primary human immune cells. [PLoS One. 15 \(5\): e0233543.](#)

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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/STAR133P>  
10097

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

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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://bio-rad-antibodies.com/datasheets)

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