

## Datasheet: STAR136

**BATCH NUMBER 155598**

<b>Description:</b>	GOAT ANTI MOUSE IgG3
<b>Specificity:</b>	IgG3
<b>Format:</b>	Purified
<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
Flow Cytometry			■	
Immunohistology - Frozen			■	
Immunohistology - Paraffin			■	
ELISA	■			
Immunoprecipitation			■	
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. 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>Species Cross Reactivity</b>	Does not react with:Human
<b>Product Form</b>	Purified IgG - liquid
<b>Antiserum Preparation</b>	Antisera to mouse IgG3 were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.
<b>Buffer Solution</b>	Borate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide

Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	Mouse IgG3 paraproteins.
External Database Links	<p><b>UniProt:</b>  <a href="#">P03987</a>    <a href="#">Related reagents</a></p> <p><b>Entrez Gene:</b>  <a href="#">380795</a>    A1324046    <a href="#">Related reagents</a></p>
RRID	AB_1102669
Specificity	<b>Goat anti Mouse IgG3 antibody</b> recognizes Mouse IgG3 and has been cross absorbed against mouse IgM, IgG1, IgG2a, IgG2b and IgA, pooled human sera and purified human paraproteins. Goat anti Mouse IgG3 antibody shows minimal cross-reactivity with human immunoglobulins.
References	<ol style="list-style-type: none"> <li>Knipping, K. <i>et al.</i> (2011) A gastrointestinal rotavirus infection mouse model for immune modulation studies. <a href="#">Virol J. 8: 109.</a></li> <li>Donius LR <i>et al.</i> (2013) Optimal germinal center B cell activation and T-dependent antibody responses require expression of the mouse complement receptor Cr1. <a href="#">J Immunol. 191 (1): 434-47.</a></li> <li>Hwang, S.R. <i>et al.</i> (2015) Altered expression levels of neurodevelopmental proteins in fetal brains of BTBR T+tf/J mice with autism-like behavioral characteristics. <a href="#">J Toxicol Environ Health A. 78 (8): 516-23.</a></li> <li>Zhao, Z. <i>et al.</i> (2015) Multiple B-cell epitope vaccine induces a <i>Staphylococcus</i> enterotoxin B-specific IgG1 protective response against MRSA infection. <a href="#">Sci Rep. 5: 12371.</a></li> <li>Thema, N. <i>et al.</i> (2019) Identification and characterisation of conserved epitopes of <i>E. ruminantium</i> that activate Th1 CD4<sup>+</sup> T cells: Towards the development of a multi-epitope vaccine. <a href="#">Mol Immunol. 107: 106-114.</a></li> </ol>
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>This product should be stored undiluted.</p> <p>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.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10077 available at: <a href="https://www.bio-rad-antibodies.com/SDS/STAR13610077">https://www.bio-rad-antibodies.com/SDS/STAR13610077</a>
Regulatory	For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Rabbit Anti Goat IgG (Fc) (STAR122...) [FITC](#), [HRP](#)

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

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