

Datasheet: STAR133

BATCH NUMBER 147279

Description:	GOAT ANTI MOUSE IgG2a
Specificity:	IgG2a
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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. 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 - 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

Borate buffered saline

Preservative Stabilisers

0.09% Sodium Azide

Approx. Protein Concentrations	IgG concentration 1.0mg/ml
Immunogen	IgG2a paraproteins from BALB/c mice
External Database Links	<p>UniProt:</p> <p>P01865 Related reagents</p> <p>P01863 Related reagents</p> <p>P01864 Related reagents</p> <p>Entrez Gene:</p> <p>380793 Igh-1a Related reagents</p> <p>380793 Igh-1a Related reagents</p> <p>380793 Igh-1a Related reagents</p>
RRID	AB_1102658
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.
References	<ol style="list-style-type: none"> Knipping, K. <i>et al.</i> (2011) A gastrointestinal rotavirus infection mouse model for immune modulation studies. Virologica J. 8: 109. Bagai, U. & Pawar, A. (2013) A blood stage fraction of Plasmodium berghei induces protective and long lasting immune response in BALB/c mice. Parasitology Int. 62 (3): 329-36. 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. Journal of Toxicology and Environmental Health A. 78 (8): 516-23. 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. Scientific Reports. 5: 12371. Mola, S. <i>et al.</i> (2020) A transcriptome-based approach to identify functional modules within and across primary human immune cells. PLoS One. 15 (5): e0233543.
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: https://www.bio-rad-antibodies.com/SDS/STAR133

10077

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

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

North & South Tel: +1 800 265 7376

Worldwide

Tel: +44 (0)1865 852 700

Europe

Tel: +49 (0) 89 8090 95 21

America Fax: +1 919 878 3751

Fax: +44 (0)1865 852 739

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_us@bio-rad.com

Email: antibody_sales_uk@bio-rad.com

Email: 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

'M369678:200529'

Printed on 30 Jan 2025

© 2025 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)