

Datasheet: STAR134PE

Description:	GOAT ANTI MOUSE IgG2b:RPE
Specificity:	IgG2b
Format:	RPE
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	0.1 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	▪			1/500

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 R. Phycoerythrin (RPE) - liquid		
Max Ex/Em	Fluorophore	Excitation Max (nm)	Emission Max (nm)
	RPE 488nm laser	496	578

Antiserum Preparation Antisera to mouse IgG2b 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	0.09% Sodium Azide (NaN ₃)
Stabilisers	Sucrose
Approx. Protein Concentrations	IgG concentration 0.5mg/ml
Immunogen	Mouse IgG2b paraproteins.
External Database Links	UniProt: P01867 Related reagents

Entrez Gene:

[16016](#) Ighg2b [Related reagents](#)

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

Flow Cytometry Use 10ul of the suggested working dilution to label 10⁶ cells in 100ul.

References

1. Knipping, K. *et al.* (2011) A gastrointestinal rotavirus infection mouse model for immune modulation studies. [Virology J. 8: 109.](#)
2. 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.](#)
3. 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.](#)

Storage Store at +4°C.

DO NOT FREEZE.

This product should be stored undiluted. This product is photosensitive and should be protected from light. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life 6 months from date of despatch.

Health And Safety Information Material Safety Datasheet documentation #10045 available at: 10045: <https://www.bio-rad-antibodies.com/uploads/MSDS/10045.pdf>

Regulatory For research purposes only

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'M314599:180412'

Printed on 30 Apr 2018

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