

Datasheet: STAR133A

Description:	GOAT ANTI MOUSE IgG2a:Alk. Phos.
Specificity:	IgG2a
Format:	Alk. Phos.
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	1 ml

Product Details

RRID AB_1102656

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
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 IgG2a were raised by repeated immunisation of goats with purified antigen. Purified IgG was prepared from whole serum by affinity chromatography.

Buffer Solution TRIS buffered saline, 1mM MgCl₂

Preservative 0.1% Sodium Azide (NaN₃)
Stabilisers 50% Glycerol

Immunogen IgG2a paraproteins from BALB/c mice

External Database Links

UniProt:

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

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

Entrez Gene:

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

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

1. Knipping, K. *et al.* (2011) A gastrointestinal rotavirus infection mouse model for immune modulation studies. [Virolog 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.](#)

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.

Guarantee Guaranteed until date of expiry. Please see product label.

Health And Safety Information Material Safety Datasheet documentation #10322 available at:
10322: <https://www.bio-rad-antibodies.com/uploads/MSDS/10322.pdf>

Regulatory For research purposes only

North & South America	Tel: +1 800 265 7376 Fax: +1 919 878 3751 Email: 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	Europe	Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 50 Email: antibody_sales_de@bio-rad.com
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