

Datasheet: STAR133P

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

	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

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](#)

RRID

AB_1102655

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

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13. Faber, E. *et al.* (2024) Identification of T cell and linear B cell epitopes on African horse sickness virus serotype 4 proteins VP1-1, VP2, VP4, VP7 and NS3. [Vaccine. 42 \(2\): 136-45.](#)
14. Kusma, S. *et al.* (2024) Oral subacute polypropylene microplastics administration effect on potential immunotoxicity in ICR mice. [J Toxicol Environ Health A. : 1-10 \[Epub ahead of print\].](#)
15. Wu, Y. *et al.* (2020) Sterilizing immunity against SARS-CoV-2 in hamsters conferred by a novel recombinant subunit vaccine [bioRxiv: 20 Dec. \[Epub ahead of print\].](#)
16. Mohamed, K.S. & Ali, S.A. (2024) The Effect of *Leishmania mexicana* growth phase on MHC class I down regulation [Scientific Journal for Faculty of Science-Sirte University, 4\(2\), 9–14.](#)
17. Amaral, R. *et al.* (2025) Chitosan Nanoparticles for Enhanced Immune Response and Delivery of Multi-Epitope *Helicobacter pylori* Vaccines in a BALB/c Mouse Model. [Pharmaceutics. 17 \(1\): 132.](#)

Storage This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10097 available at: <https://www.bio-rad-antibodies.com/SDS/STAR133P>
10097

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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