

Datasheet: STAR77

BATCH NUMBER 174918

Description:	GOAT ANTI MOUSE IgG:HRP (RAT ADSORBED)
Specificity:	IgG
Format:	HRP
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
Immunohistology - Frozen	■			1/50
Immunohistology - Paraffin	■			
ELISA	■			1/500 - 1/1000
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
Product Form	Purified IgG conjugated to Horseradish Peroxidase (HRP) - liquid
Antiserum Preparation	Antisera to mouse IgG were raised by repeated immunisation of goats with highly purified antigen. Purified IgG was prepared by affinity chromatography.
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.0095% MIT
Approx. Protein Concentrations	IgG concentration 0.5 mg/ml
Immunogen	Purified mouse IgG.

**External Database
Links**

UniProt:

P01869	Related reagents
P03987	Related reagents
P01864	Related reagents
P01868	Related reagents
P01865	Related reagents
P01867	Related reagents
P01863	Related reagents

Entrez Gene:

16017	Ighg1	Related reagents
380795	AI324046	Related reagents
16016	Ighg2b	Related reagents
16017	Ighg1	Related reagents
380793	Igh-1a	Related reagents
380793	Igh-1a	Related reagents
380793	Igh-1a	Related reagents

Synonyms

Igh-4

RRID

AB_321915

Specificity

Horseradish peroxidase conjugated Goat anti Mouse IgG antibody recognizes mouse IgG. Cross-reactivity with rat immunoglobulins has been reduced by solid phase adsorption.

References

1. Yang, L.P. *et al.* (2009) Baicalein reduces inflammatory process in a rodent model of diabetic retinopathy. [Invest Ophthalmol Vis Sci. 50: 2319-27.](#)
2. Bhrany, A.D. *et al.* (2008) Crosslinking of an oesophagus acellular matrix tissue scaffold. [J Tissue Eng Regen Med. 2: 365-72.](#)
3. Sourial-Bassillious, N. *et al.* (2006) Effect of TNF-alpha on CD3-zeta and MHC-I in postnatal rat hippocampus. [Pediatr Res. 60: 377-81.](#)
4. Madden, J. *et al.* (2009) Altered monocyte CD44 expression in peripheral arterial disease is corrected by fish oil supplementation. [Nutr Metab Cardiovasc Dis. 19: 247-52.](#)
5. Liu Z *et al.* (2016) Partial protective immunity against toxoplasmosis in mice elicited by recombinant *Toxoplasma gondii* malate dehydrogenase. [Vaccine. 34 \(7\): 989-94.](#)
6. Sessevmez, M. *et al.* (2023) Induction of humoral and cell-mediated immunity in mice by chitosan-curdlan composite nanoparticles administered intranasally and subcutaneously [J Drug Deliv Sci Technol. 86: 104704.](#)
7. Alimolaei, M. *et al.* (2021) Immunogenicity of a recombinant *Lactobacillus casei*, surface-expressed H(151)P mutant of *Clostridium perfringens* epsilon toxin and its protective responses in BALB/c mice. [Toxicon. 200: 173-179.](#)

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
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Health And Safety Information	Material Safety Datasheet documentation #20479 available at: https://www.bio-rad-antibodies.com/SDS/STAR77
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Regulatory	For research purposes only
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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+ \(BUF054A\)](#)

Product inquiries: www.bio-rad-antibodies.com/technical-support

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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