

Datasheet: STAR77

BATCH NUMBER 1801

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

0.01% Thiomersal
HRP Stabiliser ([BUF052A](#))

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 (STAR77) 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.](#)

Storage

Store at +4°C. DO NOT FREEZE.

This product should be stored undiluted. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10131 available at:
10131: <https://www.bio-rad-antibodies.com/uploads/MSDS/10131.pdf>

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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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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