

Datasheet: STAR76

Description:	GOAT ANTI MOUSE IgG:RPE (RAT ADSORBED)
Specificity:	IgG
Format:	RPE
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
Flow Cytometry	▪			1/5

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 R. Phycoerythrin (RPE) - lyophilized						
Reconstitution	Reconstitute with 1.0ml distilled water						
Max Ex/Em	<table border="1"> <thead> <tr> <th>Fluorophore</th> <th>Excitation Max (nm)</th> <th>Emission Max (nm)</th> </tr> </thead> <tbody> <tr> <td>RPE 488nm laser</td> <td>496</td> <td>578</td> </tr> </tbody> </table>	Fluorophore	Excitation Max (nm)	Emission Max (nm)	RPE 488nm laser	496	578
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Antiserum Preparation Antisera to mouse IgG were raised by repeated immunisation of goats with highly purified antigen. Purified IgG prepared by affinity chromatography.

Buffer Solution	Phosphate buffered saline
Preservative	0.09% Sodium Azide
Stabilisers	1% Bovine Serum Albumin
Immunogen	Mouse IgG, whole molecule.

**External Database
Links**

UniProt:

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

Entrez Gene:

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

Synonyms Igh-4

RRID AB_323251

Specificity **RPE conjugated Goat anti Mouse IFF antibody** recognizes both the heavy and light chains of mouse IgG. The reagent has been adsorbed to minimise cross-reactivity with rat immunoglobulins and is therefore of particular value in detecting mouse primary antibodies bound to rat tissues.

We recommend diluting this product in buffer containing 10% normal rat serum to remove any remaining cross-reactivity.

Flow Cytometry Use 50ul of the suggested working dilution to label 10^6 cells in 100ul.

References

1. Rao, W.H. *et al.* (2000) Potent costimulation of effector T lymphocytes by human collagen type I. [J Immunol. 165 \(9\): 4935-40.](#)
2. Rópolo, A. *et al.* (2001) Diminished percentage of antigen bearing cells in the lymph nodes of immune aged rats. [Exp Gerontol. 36: 519-35.](#)

Storage Prior to reconstitution store at +4°C. Following reconstitution store at +4°C.

This product should be stored undiluted.

DO NOT FREEZE. This product is photosensitive and should be protected from light. 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 #20487 available at:
20487: <https://www.bio-rad-antibodies.com/uploads/MSDS/20487.pdf>

Regulatory

For research purposes only

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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](https://www.bio-rad-antibodies.com/datasheets)

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