

Datasheet: STAR12A

Description:	RABBIT F(ab') ₂ ANTI MOUSE IgG:RPE
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	▪			1/20 - 1/100

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	F(ab') ₂ fragment of IgG conjugated to R. Phycoerythrin (RPE) - lyophilized						
Reconstitution	Reconstitute with 1.0 ml 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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RPE 488nm laser	496	578					

Antiserum Preparation Antisera to mouse IgG were raised by repeated immunisation of rabbits with highly purified antigen. Purified IgG was prepared by ion exchange chromatography.

Buffer Solution Phosphate buffered saline

Preservative 0.09% Sodium Azide

Stabilisers 1% Bovine Serum Albumin

5% Sucrose

Immunogen Mouse IgG.

**External Database
Links**

UniProt:

P01869	Related reagents
P03987	Related reagents
P01867	Related reagents
P01864	Related reagents
P01865	Related reagents
P01868	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_321922

Specificity

Rabbit F(ab')₂ anti Mouse IgG antibody recognizes mouse IgG

Flow Cytometry

Use 50ul of the suggested working dilution to label 10⁶ cells in 100ul.

References

1. Dasgupta, G. *et al.* (2011) Engagement of TLR2 reverses the suppressor function of conjunctiva CD4+CD25+ regulatory T cells and promotes herpes simplex virus epitope-specific CD4+CD25- effector T cell responses. [Invest Ophthalmol Vis Sci. 52 \(6\): 3321-33.](#)
2. Jones, D.C. *et al.* (2011) HLA Class I Allelic Sequence and Conformation Regulate Leukocyte Ig-Like Receptor Binding. [J Immunol. 186: 2990-7.](#)

Storage

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

DO NOT FREEZE.

This product should be stored undiluted. 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:
<https://www.bio-rad-antibodies.com/SDS/STAR12A>
20487

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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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