

## Datasheet: STAR12A

<b>Description:</b>	RABBIT F(ab') <sub>2</sub> ANTI MOUSE IgG:RPE
<b>Specificity:</b>	IgG
<b>Format:</b>	RPE
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	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](http://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.

<b>Target Species</b>	Mouse						
<b>Product Form</b>	F(ab') <sub>2</sub> fragment of IgG conjugated to R. Phycoerythrin (RPE) - lyophilised						
<b>Reconstitution</b>	Reconstitute with 1.0 ml distilled water						
<b>Max Ex/Em</b>	<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](#)  
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**Synonyms** Igh-4

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**RRID** AB\_321922

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**Specificity** Rabbit F(ab')<sub>2</sub> anti Mouse IgG antibody recognizes mouse IgG

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**Flow Cytometry** Use 50ul of the suggested working dilution to label 10<sup>6</sup> cells in 100ul.

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**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.](#)

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**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.

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**Guarantee** 12 months from date of despatch

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**Health And Safety Information** Material Safety Datasheet documentation #10075 available at: 10075: <https://www.bio-rad-antibodies.com/uploads/MSDS/10075.pdf>

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**Regulatory** For research purposes only

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