Datasheet: STAR12A

BATCH NUMBER 171984

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

Fluorophore	Excitation Max (nm)	Emission Max (nm)
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 Stabilisers

0.09%	Sodium Azide
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 10^6 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	This product is shipped at ambient temperature. 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	Material Safety Datasheet documentation #20487 available at:

Information	https://www.bio-rad-antibodies.com/SDS/STAR12A
Regulatory	For research purposes only

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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