

PRODUCT INSERT
MOUSE IgG1 ISOTYPE CONTROLS

Product Code	Form	Description	Amount	Tests	Excitation (nm)	Peak Emission (nm)
MG100	Purified	Mouse IgG1	50 µg	50 min.	N/A	N/A
MG115	Biotin	Mouse IgG1	0.5 ml	50 min.	N/A	N/A
MG128	Pacific Blue™	Mouse IgG1	0.5 ml	50 min.	405	455
MG130	Pacific Orange™	Mouse IgG1	0.5 ml	50 min.	405	551
MG120	Alexa Fluor® 488	Mouse IgG1	0.5 ml	50 min.	488	519
MG101	FITC	Mouse IgG1	0.5 ml	50 min.	488	525
MG104	R-PE	Mouse IgG1	0.5 ml	50 min.	488	575
MG117	PE-TR†	Mouse IgG1	0.5 ml	50 min.	488	615
MG106	TC‡	Mouse IgG1	0.5 ml	50 min.	488	670
MG131	PerCP††	Mouse IgG1	0.5 ml	50 min.	488	678
MG118	PE-Cy® 5.5	Mouse IgG1	0.5 ml	50 min.	488	694
MG112	PE-Cy® 7	Mouse IgG1	0.5 ml	50 min.	488	767
MG105	APC	Mouse IgG1	0.5 ml	50 min.	600 – 650	660
MG121	Alexa Fluor® 647	Mouse IgG1	0.5 ml	50 min.	600 – 650	668
MG129	Alexa Fluor® 700	Mouse IgG1	0.5 ml	50 min.	630 – 702	723

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PRODUCT DESCRIPTION

Mouse IgG1 isotype controls

Lot No.: See label **Expiration:** See label

Buffer: Phosphate buffered saline (PBS)

Concentration: See label

Preservatives: 0.1% *sodium azide*. Sodium azide is an extremely toxic and dangerous compound particularly when combined with acids or metals. Solutions containing sodium azide should be disposed of properly.

Stabilizer: For conjugated products only, a highly purified grade of BSA has been added as a stabilizing agent.

STORAGE & HANDLING

Store reagents at 2-8°C. Light exposure should be avoided with fluorochrome-conjugated products. Use dim light during handling, incubation with cells, and prior to analysis. It is recommended that cells be analyzed within 18 hours of staining. If the reagent is being diluted, it is recommended that only the quantity to be used within one week be diluted.

PRODUCT USE

Each lot is tested by flow cytometry using freshly harvested mouse splenocytes and/or human peripheral blood leukocytes (PBL). When using isotype controls as negative controls, it is recommended that each investigator determine the optimal amount of isotype control and testing antibody to be used for each application.

† TR, Texas Red®

‡ TC, TRI-COLOR®, PE-Cy®5

The efficiency of energy transfer in tandem dyes can be significantly decreased by exposure to visible light. We recommend that longer wavelength fluorochrome conjugates, e.g. PE-Cy®7, PE-Alexa Fluor® 700, be protected from light during staining and while awaiting analysis, e.g. cover with aluminum foil.

The Texas Red®, Alexa Fluor® and Pacific Blue™ dye conjugates in this product are sold under license from Molecular Probes, Inc., for research use only or as analyte specific reagents, except for use in combination with microarrays or high content screening and are covered by pending and issued patents.

Cy® is a trademark of GE/Amersham Biosciences.

†† PerCP contained in this product is protected by patents owned by Becton, Dickinson & Company (European patent 0314406, or Japanese Patent JP1888759). This product will not be sold or shipped to customers in France, Germany, Italy, United Kingdom or Japan until the pertinent patents are no longer in effect (October 21, 2008).

**PRODUCT INSERT
MOUSE IgG1 ISOTYPE CONTROLS**

Explanation of symbols

Symbol	Description	Symbol	Description
	Manufacturer		Catalog number
	Use by		Temperature limitation
	Consult instructions for use		Caution, consult accompanying documents
	Batch code		

PI: L11008

MAN0004761 Rev 1.01 Effective Date: 29 JUL 2013

ANALYTE SPECIFIC REAGENT. ANALYTICAL AND PERFORMANCE CHARACTERISTICS ARE NOT ESTABLISHED.

Manufacturing site: 7335 Executive Way | Frederick, MD 21704 | Toll Free in USA 800.955.6288 www.lifetechnologies.com

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