

PRODUCT INSERT
HAMSTER IgG ISOTYPE CONTROLS

Product Code	Form	Volume	Antibody*	Excitation (nm)	Peak Emission (nm)
HM00	Purified	0.5 ml	50 µg	N/A	N/A
HM15	Biotin	0.5 ml	50 µg	N/A	N/A
HM28	Pacific Blue™†	0.5 ml	50 µg	405	455
HM20	Alexa Fluor®† 488	0.5 ml	50 µg	488	519
HM01	FITC	0.5 ml	50 µg	488	525
HM04	R-PE	0.5 ml	50 µg	488	575
HM06	TC‡	0.5 ml	50 µg	488	670
HM31	PerCP	0.5 ml	50 µg	488	678
HM18	PE-Cy5.5§	0.5 ml	50 µg	488	694
HM24	PE-Alexa Fluor® 700	0.5ml	50µg	488	723
HM05	APC	0.5 ml	50 µg	600-650	660
HM21	Alexa Fluor® 647	0.5 ml	50 µg	600-650	668
HM29	Alexa Fluor® 700	0.5 ml	50 µg	630-702	723

PRODUCT DESCRIPTION

Hamster IgG isotype controls

Clone: 530-6

Isotype: Hamster IgG

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

Buffer: Phosphate buffered saline (PBS)

Preservatives: 0.1% *sodium azide*. Sodium 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 reagents. 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 QUALITY CONTROL

Every lot is tested by flow cytometry using freshly harvested mouse splenocytes. When using isotype controls as negative controls, it is recommended that the amount of isotype control and testing antibody used be equivalent.

* The amount of antibody is determined by measuring the optical density using a spectrophotometer. The antibody titer is verified by immunofluorescent staining and flow cytometry analysis.

† The Alexa Fluor® and Pacific Blue dye conjugates in this product are sold under license from Molecular Probes, Inc., and are covered by pending and issued patents.

‡ TC, TRI-COLOR®, PE-Cy5

§ 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-Cy7, PE-Alexa Fluor® 700, be protected from light during staining reactions and while awaiting analysis, e.g. cover with aluminum foil.

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