

PRODUCT INSERT
RAT anti-MOUSE Immunoglobins

Product Code	Specificity	Clone	Form	Volume	Antibody*	Isotype
RMG100	Mouse IgG1	LO-MG1	Purified	0.5 ml	0.2 mg	Rat IgG1
RMG101	Mouse IgG1	LO-MG1	FITC	0.5 ml	0.2 mg	
RMG115	Mouse IgG1	LO-MG1	Biotin	0.5 ml	0.2 mg	
RMG2a00	Mouse IgG2a	LO-MG2a	Purified	0.5 ml	0.2 mg	Rat IgG1
RMG2a01	Mouse IgG2a	LO-MG2a	FITC	0.5 ml	0.2 mg	
RMG2a15	Mouse IgG2a	LO-MG2a	Biotin	0.5 ml	0.2 mg	
RMG2b00	Mouse IgG2b	LO-MG2b	Purified	0.5 ml	0.2 mg	Rat IgG1
RMG2b01	Mouse IgG2b	LO-MG2b	FITC	0.5 ml	0.2 mg	
RMG2b15	Mouse IgG2b	LO-MG2b	Biotin	0.5 ml	0.2 mg	
RMG300	Mouse IgG3	LO-MG3	Purified	0.5 ml	0.2 mg	Rat IgM
RMG301	Mouse IgG3	LO-MG3	FITC	0.5 ml	0.2 mg	
RMG315	Mouse IgG3	LO-MG3	Biotin	0.5 ml	0.2 mg	
RMGM00	Mouse IgM	LO-MM	Purified	0.5 ml	0.2 mg	Rat IgG2a
RMGM01	Mouse IgM	LO-MM	FITC	0.5 ml	0.2 mg	
RMGM15	Mouse IgM	LO-MM	Biotin	0.5 ml	0.2 mg	
RMGA00	Mouse IgA**	LO-MA	Purified	0.5 ml	0.2 mg	Rat IgM
RMGA01	Mouse IgA**	LO-MA	FITC	0.5 ml	0.2 mg	
RMGA15	Mouse IgA**	LO-MA	Biotin	0.5 ml	0.2 mg	
RMGE00	Mouse IgE	LO-ME-3	Purified	0.5 ml	0.2 mg	Rat IgG1
RMGE01	Mouse IgE	LO-ME	FITC	0.5 ml	0.2 mg	
RMGE15	Mouse IgE	LO-ME-2	Biotin	0.5 ml	0.2 mg	Rat IgG2a
RMK00	Mouse Kappa	LO-MK	Purified	0.5 ml	0.2 mg	Rat IgG1
RMK01	Mouse Kappa	LO-MK	FITC	0.5 ml	0.2 mg	
RMK15	Mouse Kappa	LO-MK	Biotin	0.5 ml	0.2 mg	

Lot No.: See label

Expiration: See label

PRODUCT CHARACTERIZATION

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 protein.

STORAGE AND 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. If the reagent is being diluted, it is recommended that only the quantity to be used within one week be diluted.

Antigen Specificity: The rat anti-mouse immunoglobins react with the indicated mouse subclasses listed above.

PRODUCT QUALITY CONTROL

All rat anti-mouse immunoglobins are tested by ELISA. Additionally, rat anti-mouse immunoglobins conjugated to FITC are tested by flow cytometry. It has been shown by flow cytometry testing that 0.05 µg to 0.2 µg of rat anti-mouse immunoglobulin can typically be used to detect an unlabeled primary antibody in a 100 µl staining volume; however, results may vary depending on the application.

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

** Weak cross reactivity to mouse IgM has been observed with this antibody.

For research use only. CAUTION: Not intended for human or animal therapeutic or diagnostic use.