SONY

Product Data Sheet

PE/Cy7 Mouse IgG2b, κ Isotype Ctrl

Catalog # / Size:	2601630 / 100 tests 2601625 / 25 tests
Clone:	MPC-11
Isotype:	Mouse IgG2b, κ
Preparation:	The antibody was purified by affinity chromatography, and conjugated with PE/Cy7 under optimal conditions. The solution is free of unconjugated PE/Cy7 and unconjugated antibody.
Formulation:	microg format: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide. Test format: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide, 0.2% (w/v) BSA (USA origin).
Concentration:	Lot-specific

Applications:

Applications:	Flow Cytometry
Recommended Usage:	Each lot of this mouse IgG2b, κ isotype control antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, use the isotype control at the same concentration as your primary antibody. Use our Concentration Lookup tool to find the exact concentrations of your lots of product.
Application Notes:	The MPC-11 immunoglobulin is useful as an isotype-matched control (for the relevant formats) for Western blotting, immunoprecipitation, immunohistochemistry, functional assay, immunofluorescence microscopy, immunocytochemistry and immunofluorescent staining (surface or intracellular) for flow cytometric analysis. The LEAF™ purified antibody (Endotoxin <0.1 EU/µg, Azide-Free, 0.2 µm filtered) is recommended for functional assays (Cat. No. 400324) as negative control. For *in vivo* studies or highly sensitive assays, we recommend Ultra-LEAF™ purified antibody (Cat. No. 400348) with a lower endotoxin limit than standard LEAF™ purified antibodies (Endotoxin <0.01 EU/microg).
Application References:	1. Smed-Sörensen A, *et al.* 2008. *Blood* 111:5037. (FA) PubMed 2. Podolin PL, *et al.* 2008. *J. Immunol.* 180:7989. (FC) PubMed

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Description:	The MPC-11 immunoglobulin has unknown specificity. This antibody was chosen as an isotype control after screening on a variety of resting, activated, live, and fixed mouse, rat and human tissues.