SONY

Product Data Sheet

FITC Mouse IgG2b, κ Isotype Ctrl

Catalog # / Size: 2601540 / 200 µg
2601535 / 50 µg
2601545 / 25 tests
2601550 / 100 tests

Clone: MPC-11

Isotype: Mouse IgG2b, κ

Reactivity: Mouse

Preparation: The immunoglobulin was purified by affinity chromatography, and conjugated with FITC under optimal conditions.

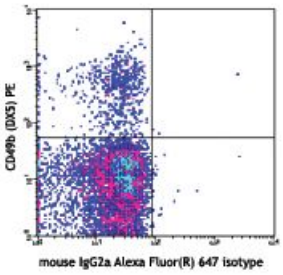
Formulation: test sizes: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA). µg sizes: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: Lot-specific

Applications:

Applications: Flow Cytometry, Intracellular Staining for Flow Cytometry

Recommended Usage: Each lot of this mouse IgG2b, κisotype 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).

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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
3. Peterson VM, et al. 2017. Nat. Biotechnol. 35:936. (PG)

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.

Antigen References:

1. Lanier LL. 1997. *Immunity* 6:371.
2. Yokoyama WM, *et al.* 1993. *Ann. Rev. Immunol.* 11:613.
3. Koo GC, *et al.* 1986. *J. Immunol.* 137:3742.
4. Giorda R, *et al.* 1991. *J. Immunol.* 147:1701.

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