

Alexa Fluor® 647 Mouse IgG2b, κ Isotype Ctrl

Catalog # / Size: 2601650 / 100 µg
Clone: MPC-11
Isotype: Mouse IgG2b, κ
Preparation: The immunoglobulin was purified by affinity chromatography, and conjugated with Alexa Fluor® 647 under optimal conditions.
Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide, 0.2% (w/v) BSA (USA origin).
Concentration: 0.5

Applications:

Applications: Flow Cytometry
Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis as negative control. 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.

* Alexa Fluor® 647 has a maximum emission of 668 nm when it is excited at 633nm / 635nm.

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-Sørensen A, *et al.* 2008. *Blood* 111:5037. (FA) [PubMed](#)
2. Podolin PL, *et al.* 2008. *J. Immunol.* 180:7989. (FC) [PubMed](#)
3. Szittner Z, *et al.* 2013. *PLoS One.* 8:72401. [PubMed](#)

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.