

Alexa Fluor® 647 Mouse IgM, κ Isotype Ctrl

Catalog # / Size: 2608090 / 100 µg
Clone: MM-30
Isotype: Mouse IgM, κ
Immunogen: Trinitrophenol + KLH
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.
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. Use at concentrations comparable to those of the specific antibody of interest.

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

Application Notes: The MM-30 immunoglobulin is useful as an isotype-matched control (for the relevant formats) for Western blotting, immunoprecipitation, immunohistochemistry, functional assay, and immunofluorescence microscopy. The LEAF™ purified antibody (Endotoxin <0.1 EU/µg, Azide-Free, 0.2 µm filtered) is recommended for functional assays (Cat. No. 401604) as negative control.

Application References: 1. Ameres S, *et al.* 2014. *J Immunol.* 192:5894. [PubMed](#)
2. Hwang Y, *et al.* 2014. *Sci Rep.* 4:5916. [PubMed](#)

Description: The isotype of MM-30 immunoglobulin is mouse IgM, κ. This antibody was chosen as an isotype control after screening on a variety of resting, activated, live, and fixed mouse, rat and human tissues.