

APC/Cy7 Rat IgG2b, κ Isotype Ctrl

Catalog # / Size: 400623 / 25 µg
400624 / 100 µg

Clone: RTK4530

Isotype: Rat IgG2b, κ

Immunogen: Trinitrophenol + KLH

Preparation: The antibody was purified by affinity chromatography, and conjugated with APC/Cy7 under optimal conditions. The solution is free of unconjugated APC/Cy7 and unconjugated antibody.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.2 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Applications:

Applications: FC, ICFC - *Quality tested*

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.

Application Notes: The RTK4530 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 sterile-filtered) is recommended for functional assays (Cat. No. 400622) as negative control.

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- Application References:**
1. Cervantes-Barragan L, *et al.* 2007. *Blood* 109:1131.
 2. Zeiser R, *et al.* 2007. *Blood* 109:2225.
 3. Sasaki K, *et al.* 2008. *J. Immunol.* 181:104. PubMed
 4. Duan J, *et al.* 2008. *P. Natl. Acad. Sci. USA* 105:5183. PubMed
 5. Yi H, *et al.* 2009. *Blood* 113:5819. PubMed
 6. Schafer JS, *et al.* 2009. *J. Leukocyte Biol.* 87:301. PubMed

Description: The isotype of RTK4530 immunoglobulin is rat IgG2b, 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.



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