

PE/Cyanine7 Rat IgG1, κ Isotype Ctrl

Catalog # / 2602075 / 25 μ g
Size: 2602080 / 100 μ g

Clone: RTK2071

Isotype: Rat IgG1, κ

Immunogen: Trinitrophenol + KLH

Preparation: The immunoglobulin was purified by affinity chromatography, and conjugated with PE/Cy7 under optimal conditions.

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

Workshop Number: HCDM listed

Concentration: 0.2

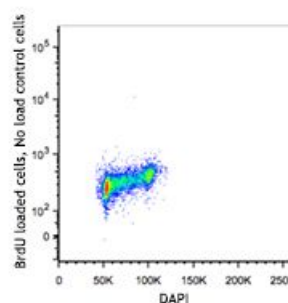
Applications:

Applications: Flow Cytometry, Intracellular Staining for 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.

Application Notes: The RTK2071 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/ μ g, Azide-Free, 0.2 μ m filtered) is recommended for functional assays (Cat. No. 400414) as negative control. For *in vivo* studies or highly sensitive assays, we recommend Ultra-LEAF™ purified antibody (Cat. No. 400432) with a lower endotoxin limit than standard LEAF™ purified antibodies (Endotoxin <0.01 EU/microg).

Application References: 1. Riemann M, *et al.* 2005. *J. Immunol.* 175:3560. [PubMed](#)
2. Wondimu Z, *et al.* 2010. *Am. J. Pathol.* 177:2334. [PubMed](#)



Description: The isotype of RTK2071 immunoglobulin is rat IgG1, 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.

- Antigen** 1. Dundas CM, *et al.* 2013. *Appl. Microbiol. Biotechnol.* 97:9343.
- References:** 2. Zhao X, *et al.* 2013. *J. Anal. Methods Chem.* 2013:581093.
3. Kaplan DL, *et al.* 1999. *Biomol. Eng.* 16:135.
4. Wilbur DS, *et al.* 1999. *Biomol. Eng.* 16:113.
5. Sano T, *et al.* 1998. *J. Chromatogr. B. Biomed. Sci. Appl.* 715:85.