

**PerCP Rat IgG2b, κ Isotype Ctrl**

<b>Catalog # / Size:</b>	2603150 / 100 µg 2603145 / 25 µg
<b>Clone:</b>	RTK4530
<b>Isotype:</b>	Rat IgG2b, κ
<b>Immunogen:</b>	Trinitrophenol + KLH
<b>Preparation:</b>	The immunoglobulin was purified by affinity chromatography, and conjugated with PerCP under optimal conditions. The solution is free of unconjugated PerCP and unconjugated immunoglobulin.
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
<b>Concentration:</b>	0.2

**Applications:**

<b>Applications:</b>	Flow Cytometry
<b>Recommended Usage:</b>	This reagent is developed for immunofluorescent staining for flow cytometric analysis as negative control. Use at concentrations comparable to those of the specific antibody of interest. It is highly recommended that the reagent be titrated for optimal performance for each application.  * PerCP has a maximum absorption of 482 nm and a maximum emission of 675 nm.
<b>Application Notes:</b>	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 filtered) is recommended for functional assays (Cat. No. 400622) as negative control. For <i>in vivo</i> studies or highly sensitive assays, we recommend Ultra-LEAF™ purified antibody (Cat. No. 400644) with a lower endotoxin limit than standard LEAF™ purified antibodies (Endotoxin <0.01 EU/microg).
<b>Application References:</b>	1. Cervantes-Barragan L, <i>et al.</i> 2007. <i>Blood</i> 109:1131. 2. Zeiser R, <i>et al.</i> 2007. <i>Blood</i> 109:2225. 3. Sasaki K, <i>et al.</i> 2008. <i>J. Immunol.</i> 181:104. <a href="#">PubMed</a> 4. Duan J, <i>et al.</i> 2008. <i>P. Natl. Acad. Sci. USA</i> 105:5183. <a href="#">PubMed</a> 5. Yi H, <i>et al.</i> 2009. <i>Blood</i> 113:5819. <a href="#">PubMed</a> 6. Schafer JS, <i>et al.</i> 2010. <i>J. Leukocyte Biol.</i> 87:301. <a href="#">PubMed</a>

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**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.