

PE/Dazzle™ 594 Rat IgG2b, κ Isotype Ctrl

Catalog # / Size:	2603295 / 25 µg 2603300 / 100 µg
Clone:	RTK4530
Isotype:	Rat IgG2b, κ
Immunogen:	Trinitrophenol + KLH
Preparation:	The antibody was purified by affinity chromatography and conjugated with PE/Dazzle™ 594 under optimal conditions. The solution is free of unconjugated PE/Dazzle™ 594 and unconjugated antibody.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	Lot-specific

Applications:

Applications:	Flow Cytometry
Recommended Usage:	Each lot of this Rat IgG2b κ, isotype control antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, use the isotype control at the same concentration as your primary antibody. tation of 566 nm and a maximum emission of 610 nm.
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 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).
Application References:	<ol style="list-style-type: none">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. PubMed4. Duan J, <i>et al.</i> 2008. <i>P. Natl. Acad. Sci. USA</i> 105:5183. PubMed5. Yi H, <i>et al.</i> 2009. <i>Blood</i> 113:5819. PubMed6. Schafeer JS, <i>et al.</i> 2010. <i>J. Leukocyte Biol.</i> 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.