

**Biotin Rat IgG2a, κ Isotype Ctrl**

<b>Catalog # / Size:</b>	2602515 / 50 µg 2602520 / 200 µg
<b>Clone:</b>	RTK2758
<b>Isotype:</b>	Rat IgG2a, κ
<b>Immunogen:</b>	Trinitrophenol + KLH
<b>Reactivity:</b>	Other
<b>Preparation:</b>	The immunoglobulin was purified by affinity chromatography, and conjugated with biotin under optimal conditions. The solution is free of unconjugated biotin.
<b>Formulation:</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
<b>Concentration:</b>	0.5

**Applications:**

<b>Applications:</b>	Flow Cytometry
<b>Recommended Usage:</b>	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.
<b>Application Notes:</b>	The RTK2758 immunoglobulin is useful as an isotype-matched control (for the relevant formats) for Western blotting, immunoprecipitation, immunohistochemistry, functional assay, immunofluorescence microscopy, immunocytochemistry and immunofluorescent staining (surface or intracellular) for flow cytometric analysis. The LEAF™ purified antibody (Endotoxin <0.1 EU/µg, Azide-Free, 0.2 µm filtered) is recommended for functional assays (Cat. No. 400516) as negative control. For <i>in vivo</i> studies or highly sensitive assays, we recommend Ultra-LEAF™ purified antibody (Cat. No. 400544) with a lower endotoxin limit than standard LEAF™ purified antibodies (Endotoxin <0.01 EU/microg).
<b>Application References:</b>	1. Nishimoto H, <i>et al.</i> 2005. <i>Blood</i> 106:4241. 2. Seach N, <i>et al.</i> 2008. <i>J. Immunol.</i> 180:5384. <a href="#">PubMed</a> 3. Jiang P, <i>et al.</i> 1999. <i>J. Biol. Chem.</i> 274:559. (FA)

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**Description:** The RTK2758 immunoglobulin reacts with KLH. The isotype of this antibody is rat IgG2a, 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.