

PE Rat IgG2a, κ Isotype Ctrl

Catalog # / Size:	2602540 / 100 µg 2602535 / 25 µg
Clone:	RTK2758
Isotype:	Rat IgG2a, κ
Immunogen:	Trinitrophenol + KLH
Reactivity:	Other
Preparation:	The immunoglobulin was purified by affinity chromatography, and conjugated with PE under optimal conditions. The solution is free of unconjugated PE and unconjugated immunoglobulin.
Formulation:	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
Concentration:	0.2

Applications:

Applications:	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 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).
Application References:	<ol style="list-style-type: none">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. PubMed3. Jiang P, <i>et al.</i> 1999. <i>J. Biol. Chem.</i> 274:559. (FA)4. Toda S, <i>et al.</i> 2014. <i>Blood.</i> 123:3963. PubMed5. Adamopoulos IE, <i>et al.</i> 2015. <i>Ann Rheum Dis.</i> 74:1284. PubMed

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.