

APC/Fire™ 810 Rat IgG2a, κ Isotype Ctrl Antibody

Catalog# / Size	400583 / 25 µg 400584 / 100 µg
Clone	RTK2758
Regulatory Status	RUO
Isotype	Rat IgG2a, κ
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.

Product Details

Antibody Type	Monoclonal
Host Species	Rat
Immunogen	Trinitrophenol + KLH
Formulation	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide
Preparation	The antibody was purified by affinity chromatography and conjugated with APC/Fire™ 810 under optimal conditions.
Concentration	0.2 mg/mL
Storage & Handling	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. Do not freeze.
Application	FC - Quality tested ICFC - Verified
Recommended Usage	<p>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. Use our Concentration Lookup tool to find the exact concentrations of your lots of product.</p> <p>* APC/Fire™ 810 has a maximum excitation of 650 nm and a maximum emission of 810 nm.</p> <p>Excessive exposure to light, and commonly used fixation, permeabilization buffers can affect APC/Fire™ 810 fluorescence signal intensity and spread. Please keep conjugates protected from light exposure. For more information and representative data, visit our Fire Dyes page.</p>
Excitation Laser	Red Laser (633 nm)
Application Notes	Additional reported applications (for the relevant formats) include: Intracellular Flow Cytometry (ICFC), Immunocytochemistry (ICC), Immunohistochemistry (IHC), Immunoprecipitation (IP), Western Blotting (WB), and Functional Assay (FA).
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)
(PubMed link indicates BioLegend citation)	

Antigen Details

Gene ID	NA
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Related Protocols

[Cell Surface Flow Cytometry Staining Protocol](#)

[Intracellular Flow Cytometry Staining Protocol](#)

Other Formats

APC Rat IgG2a, κ Isotype Ctrl, Biotin Rat IgG2a, κ Isotype Ctrl, FITC Rat IgG2a, κ Isotype Ctrl, PE Rat IgG2a, κ Isotype Ctrl, PE/Cyanine5 Rat IgG2a, κ Isotype Ctrl, Purified Rat IgG2a, κ Isotype Ctrl, PE/Cyanine7 Rat IgG2a, κ Isotype Ctrl, APC/Cyanine7 Rat IgG2a, κ Isotype Ctrl, Alexa Fluor® 488 Rat IgG2a, κ Isotype Ctrl, Alexa Fluor® 647 Rat IgG2a, κ Isotype Ctrl, Pacific Blue™ Rat IgG2a, κ Isotype Ctrl, Alexa Fluor® 700 Rat IgG2a, κ Isotype Ctrl, PerCP Rat IgG2a, κ Isotype Ctrl, PerCP/Cyanine5.5 Rat IgG2a, κ Isotype Ctrl, Brilliant Violet 421™ Rat IgG2a, κ Isotype Ctrl, Brilliant Violet 570™ Rat IgG2a, κ Isotype Ctrl, Brilliant Violet 605™ Rat IgG2a, κ Isotype Ctrl, Brilliant Violet 650™ Rat IgG2a, κ Isotype Ctrl, Ultra-LEAF™ Purified Rat IgG2a, κ Isotype Ctrl, Brilliant Violet 785™ Rat IgG2a, κ Isotype Ctrl, Brilliant Violet 510™ Rat IgG2a, κ Isotype Ctrl, Brilliant Violet 711™ Rat IgG2a, κ Isotype Ctrl, PE/Dazzle™ 594 Rat IgG2a, κ Isotype Ctrl, Alexa Fluor® 594 Rat IgG2a, κ Isotype Ctrl, GolnVivo™ Purified Rat IgG2a, κ Isotype Ctrl, APC/Fire™ 750 Rat IgG2a, κ Isotype Ctrl, TotalSeq™-A0238 Rat IgG2a, κ Isotype Ctrl, KIRAVIA Blue 520™ Rat IgG2a, κ Isotype Ctrl, Spark Blue™ 550 Rat IgG2a, κ Isotype Ctrl, TotalSeq™-C0238 Rat IgG2a, κ Isotype Ctrl, APC/Fire™ 810 Rat IgG2a, κ Isotype Ctrl, TotalSeq™-B0238 Rat IgG2a, κ Isotype Ctrl, Spark Violet™ 538 Rat IgG2a, κ Isotype Ctrl, Spark YG™ 581 Rat IgG2a, κ Isotype Ctrl, Spark YG™ 593 Rat IgG2a, κ Isotype Ctrl, Spark Violet™ 423 Rat IgG2a, κ Isotype Ctrl

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8999 BioLegend Way, San Diego, CA 92121 www.biolegend.com
Toll-Free Phone: 1-877-Bio-Legend (246-5343) Phone: (858) 768-5800 Fax: (877) 455-9587