

KIRAVIA Blue 520™ Rat IgG1, κ Isotype Ctrl Antibody

Catalog# / Size	400463 / 25 µg 400464 / 100 µg
Clone	RTK2071
Regulatory Status	RUO
Isotype	Rat IgG1, κ
Description	The isotype of RTK2071 immunoglobulin is rat IgG1, 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 KIRAVIA Blue 520™ 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
Recommended Usage	<p>Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For flow cytometric staining, the suggested use of this reagent is ≤ 1.0 µg per million cells in 100 µL volume. It is recommended that the reagent be titrated for optimal performance for each application.</p> <p>* KIRAVIA Blue 520™ has an excitation maximum of 495 nm, and a maximum emission of 520 nm.</p> <p>KIRAVIA Blue™ 520 is a trademark of Sony. This product is subject to proprietary rights of Sony and is made and sold under license from Sony Corporation. This product is covered by U.S. Patent(s), pending patent applications and foreign equivalents.</p> <p>Sony and the Sony logo are registered trademarks of Sony Corporation.</p>
Excitation Laser	Blue Laser (488 nm)
Application Notes	The RTK2071 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. 400414) as negative control ¹ . For <i>in vivo</i> studies or highly sensitive assays, we recommend Ultra-LEAF™ purified antibody (Cat. No. 400432) with a lower endotoxin limit than standard LEAF™ purified antibodies (Endotoxin < 0.01 EU/µg).
Application References (PubMed link indicates BioLegend citation)	<ol style="list-style-type: none">1. Riemann M, <i>et al.</i> 2005. <i>J. Immunol.</i> 175:3560. PubMed2. Wondimu Z, <i>et al.</i> 2010. <i>Am. J. Pathol.</i> 177:2334. PubMed

Antigen Details

Related Protocols

[Cell Surface Flow Cytometry Staining Protocol](#)

Other Formats

APC Rat IgG1, κ Isotype Ctrl, Biotin Rat IgG1, κ Isotype Ctrl, FITC Rat IgG1, κ Isotype Ctrl, PE Rat IgG1, κ Isotype Ctrl, PE/Cyanine5 Rat IgG1, κ Isotype Ctrl, Purified Rat IgG1, κ Isotype Ctrl, PE/Cyanine7 Rat IgG1, κ Isotype Ctrl, Alexa Fluor® 647 Rat IgG1, κ Isotype Ctrl, Alexa Fluor® 488 Rat IgG1, κ Isotype Ctrl, Pacific Blue™ Rat IgG1, κ Isotype Ctrl, Alexa Fluor® 700 Rat IgG1, κ Isotype Ctrl, APC/Cyanine7 Rat IgG1, κ Isotype Ctrl, PerCP Rat IgG1, κ Isotype Ctrl, PerCP/Cyanine5.5 Rat IgG1, κ Isotype Ctrl, Brilliant Violet 421™ Rat IgG1, κ Isotype Ctrl, Ultra-LEAF™ Purified Rat IgG1, κ Isotype Ctrl, Brilliant Violet 605™ Rat IgG1, κ Isotype Ctrl, Brilliant Violet 510™ Rat IgG1, κ Isotype Ctrl, Brilliant Violet 650™ Rat IgG1, κ Isotype Ctrl, Brilliant Violet 711™ Rat IgG1, κ Isotype Ctrl, Brilliant Violet 785™ Rat IgG1, κ Isotype Ctrl, PE/Dazzle™ 594 Rat IgG1, κ Isotype Ctrl, Alexa Fluor® 594 Rat IgG1, κ Isotype Ctrl, GoInVivo™ Purified Rat IgG1, κ Isotype Ctrl, APC/Fire™ 750 Rat IgG1, κ Isotype Ctrl, TotalSeq™-A0236 Rat IgG1, κ Isotype Ctrl, KIRAVIA Blue 520™ Rat IgG1, κ Isotype Ctrl, TotalSeq™-B0236 Rat IgG1, κ Isotype Ctrl, TotalSeq™-C0236 Rat IgG1, κ Isotype Ctrl, Spark YG™ 581 Rat IgG1, κ Isotype Ctrl, Spark YG™ 593 Rat IgG1, κ Isotype Ctrl

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