

## PE Mouse IgG3, $\kappa$ Isotype Ctrl Antibody

<b>Catalog# / Size</b>	401319 / 25 $\mu$ g 401320 / 100 $\mu$ g
<b>Clone</b>	MG3-35
<b>Regulatory Status</b>	RUO
<b>Isotype</b>	Mouse IgG3, $\kappa$
<b>Description</b>	The isotype of MG3-35 immunoglobulin is mouse IgG3, $\kappa$ . 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

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<b>Antibody Type</b>	Monoclonal
<b>Host Species</b>	Mouse
<b>Immunogen</b>	Trinitrophenol + KLH
<b>Formulation</b>	Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
<b>Preparation</b>	The antibody was purified by affinity chromatography, and conjugated with PE under optimal conditions.
<b>Concentration</b>	0.2 mg/ml
<b>Storage &amp; Handling</b>	The antibody solution should be stored undiluted between 2°C and 8°C, and protected from prolonged exposure to light. <b>Do not freeze.</b>
<b>Application</b>	<a href="#">FC - Quality tested</a>
<b>Recommended Usage</b>	Each lot of this 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. Use our <a href="#">Concentration Lookup</a> tool to find the exact concentrations of your lots of product.
<b>Excitation Laser</b>	Blue Laser (488 nm) Green Laser (532 nm)/Yellow-Green Laser (561 nm)
<b>Application Notes</b>	The MG3-35 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/ $\mu$ g, Azide-Free, 0.2 $\mu$ m filtered) is recommended for functional assays (Cat. No. 401310) as negative control.
<b>Product Citations</b>	<ol style="list-style-type: none"><li>1. Tanaka Y <i>et al.</i> 2018. Stem Cell Res. 31:11-15 . <a href="#">PubMed</a></li><li>2. Kimura Y, <i>et al.</i> 2020. Stem Cell Research. 72.69236111. <a href="#">PubMed</a></li><li>3. Hu K, <i>et al.</i> 2011. Blood. 117:e109. <a href="#">PubMed</a></li></ol>
<b>RRID</b>	AB_10689634 (BioLegend Cat. No. 401319)

### Antigen Details

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<b>Gene ID</b>	NA
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### Other Formats

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Ultra-LEAF™ Purified Mouse IgG3, κ isotype Ctrl, Purified Mouse IgG3, κ Isotype Ctrl, Biotin Mouse IgG3, κ Isotype Ctrl, FITC Mouse IgG3, κ Isotype Ctrl, PE Mouse IgG3, κ Isotype Ctrl, Alexa Fluor® 647 Mouse IgG3, κ Isotype Ctrl, Alexa Fluor® 488 Mouse IgG3, κ Isotype Ctrl

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