

## Ultra-LEAF™ Purified Mouse IgG2a, κ Isotype Ctrl Antibody

<b>Catalog# / Size</b>	400263 / 100 µg 400264 / 1 mg 400281 / 5 mg 400282 / 25 mg 400289 / 50 mg 400290 / 100 mg
<b>Clone</b>	MOPC-173
<b>Regulatory Status</b>	RUO
<b>Isotype</b>	Mouse IgG2a, κ
<b>Description</b>	The MOPC-173 immunoglobulin has unknown specificity. The isotype of this antibody is mouse 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

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<b>Antibody Type</b>	Monoclonal
<b>Host Species</b>	Mouse
<b>Formulation</b>	0.2 µm filtered in phosphate-buffered solution, pH 7.2, containing no preservative. Endotoxin level is <0.01 EU/µg of the protein (<0.001 ng/µg of the protein) as determined by the LAL test.
<b>Preparation</b>	The Ultra-LEAF™ (Low Endotoxin, Azide-Free) antibody was purified by affinity chromatography.
<b>Concentration</b>	The antibody is bottled at the concentration indicated on the vial, typically between 2 mg/mL and 3 mg/mL. Older lots may have also been bottled at 1 mg/mL. To obtain lot-specific concentration, please enter the lot number in our <a href="#">Concentration and Expiration Lookup</a> or <a href="#">Certificate of Analysis</a> online tools.
<b>Storage &amp; Handling</b>	The antibody solution should be stored undiluted between 2°C and 8°C. This Ultra-LEAF™ solution contains no preservative; handle under aseptic conditions.
<b>Application</b>	<a href="#">FC - Quality tested</a> <a href="#">ICFC, ICC, IHC, IP, WB, FA - Reported in the literature, not verified in house</a>
<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>	Additional reported applications (for the relevant formats) include: Intracellular Flow Cytometry (ICFC), Immunocytochemistry (ICC), Immunohistochemistry (IHC), Immunoprecipitation (IP), Western Blotting (WB), Functional Assay (FA).
<b>Product Citations</b>	<ol style="list-style-type: none"><li>Montes de Oca M, <i>et al.</i> 2016. Cell Rep. 17:399-412. <a href="#">PubMed</a></li><li>Sugimoto C, <i>et al.</i> 2022. Elife. 11: . <a href="#">PubMed</a></li><li>Abe S, <i>et al.</i> 2020. JCI Insight. 5:00. <a href="#">PubMed</a></li><li>Wang F, <i>et al.</i> 2021. Cell Mol Gastroenterol Hepatol. 13:257. <a href="#">PubMed</a></li><li>Lee Y, <i>et al.</i> 2022. Front Immunol. 12:780210. <a href="#">PubMed</a></li><li>Langer V, <i>et al.</i> 2019. J Clin Invest. 129:4691. <a href="#">PubMed</a></li><li>Arakawa A, <i>et al.</i> 2021. J Immunol. 207:2235. <a href="#">PubMed</a></li><li>Murdock BJ, <i>et al.</i> 2021. JCI Insight. 6: . <a href="#">PubMed</a></li><li>Kaur A, <i>et al.</i> 2016. Nature. 532: 250-254. <a href="#">PubMed</a></li><li>Sheppard S, <i>et al.</i> 2021. Cell Reports. 35(9):109210. <a href="#">PubMed</a></li><li>Weckbach LT, <i>et al.</i> 2019. J Exp Med. 216:350. <a href="#">PubMed</a></li></ol>
<b>RRID</b>	AB_11148947 (BioLegend Cat. No. 400264)

### Antigen Details

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Gene ID

NA

## Other Formats

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APC Mouse IgG2a, κ Isotype Ctrl, Biotin Mouse IgG2a, κ Isotype Ctrl, FITC Mouse IgG2a, κ Isotype Ctrl, PE Mouse IgG2a, κ Isotype Ctrl, PE/Cyanine5 Mouse IgG2a, κ Isotype Ctrl, Purified Mouse IgG2a, κ Isotype Ctrl, APC/Cyanine7 Mouse IgG2a, κ Isotype Ctrl, PE/Cyanine7 Mouse IgG2a, κ Isotype Ctrl, Alexa Fluor® 647 Mouse IgG2a, κ Isotype Ctrl, Alexa Fluor® 488 Mouse IgG2a, κ Isotype Ctrl, Pacific Blue™ Mouse IgG2a, κ Isotype Ctrl, Alexa Fluor® 488 Mouse IgG2a, κ Isotype Ctrl (ICFC), Alexa Fluor® 647 Mouse IgG2a, κ Isotype Ctrl (ICFC), FITC Mouse IgG2a, κ Isotype Ctrl (ICFC), PE Mouse IgG2a, κ Isotype Ctrl (ICFC), APC Mouse IgG2a, κ Isotype Ctrl (ICFC), FITC Mouse IgG2a, κ Isotype Ctrl (FC), PE Mouse IgG2a, κ Isotype Ctrl (FC), APC Mouse IgG2a, κ Isotype Ctrl (FC), Brilliant Violet 605™ Mouse IgG2a, κ Isotype Ctrl, Alexa Fluor® 700 Mouse IgG2a, κ Isotype Ctrl, PerCP Mouse IgG2a, κ Isotype Ctrl, PerCP/Cyanine5.5 Mouse IgG2a, κ Isotype Ctrl, Brilliant Violet 421™ Mouse IgG2a, κ Isotype Ctrl, Brilliant Violet 570™ Mouse IgG2a, κ Isotype Ctrl, Ultra-LEAF™ Purified Mouse IgG2a, κ Isotype Ctrl, Brilliant Violet 510™ Mouse IgG2a, κ Isotype Ctrl, Brilliant Violet 650™ Mouse IgG2a, κ Isotype Ctrl, Brilliant Violet 711™ Mouse IgG2a, κ Isotype Ctrl, Brilliant Violet 785™ Mouse IgG2a, κ Isotype Ctrl, PE/Dazzle™ 594 Mouse IgG2a, κ Isotype Ctrl, Alexa Fluor® 594 Mouse IgG2a, κ Isotype Ctrl, FITC Mouse IgG2a, κ Isotype Ctrl, APC/Fire™ 750 Mouse IgG2a, κ Isotype Ctrl, TotalSeq™-A0091 Mouse IgG2a, κ isotype Ctrl, Go-ChIP-Grade™ Purified Mouse IgG2a, κ isotype Ctrl, TotalSeq™-B0091 Mouse IgG2a, κ isotype Ctrl, TotalSeq™-C0091 Mouse IgG2a, κ isotype Ctrl, KIRAVIA Blue 520™ Mouse IgG2a, κ Isotype Ctrl, Spark Blue™ 550 Mouse IgG2a, κ Isotype Ctrl, Spark NIR™ 685 Mouse IgG2a, κ Isotype Ctrl, Spark Violet™ 538 Mouse IgG2a, κ Isotype Ctrl, Spark YG™ 581 Mouse IgG2a, κ Isotype Ctrl, TotalSeq™-D0091 Mouse IgG2a, κ Isotype Ctrl, Spark YG™ 593 Mouse IgG2a, κ Isotype Ctrl, GMP PE Mouse IgG2a, κ Isotype Ctrl, GMP FITC Mouse IgG2a, κ Isotype Ctrl, GMP APC Mouse IgG2a, κ Isotype Ctrl, GMP PE/Dazzle™ 594 Mouse IgG2a, κ Isotype Ctrl

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