

## APC Mouse IgG2b, κ Isotype Ctrl Antibody

<b>Catalog# / Size</b>	400319 / 25 µg 400321 / 25 tests 400320 / 100 µg 400322 / 100 tests
<b>Clone</b>	MPC-11
<b>Regulatory Status</b>	RUO
<b>Isotype</b>	Mouse IgG2b, κ
<b>Description</b>	The MPC-11 immunoglobulin has unknown specificity. 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

<b>Antibody Type</b>	Monoclonal
<b>Host Species</b>	Mouse
<b>Formulation</b>	test sizes: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide and BSA (origin USA). µg sizes: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.
<b>Preparation</b>	The immunoglobulin was purified by affinity chromatography, and conjugated with APC under optimal conditions.
<b>Concentration</b>	µg sizes: 0.2 mg/mL test sizes: lot-specific (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, and protected from prolonged exposure to light. <b>Do not freeze.</b>
<b>Application</b>	<a href="#">FC - Quality tested</a> <a href="#">ICFC - Verified</a>
<b>Recommended Usage</b>	Each lot of this mouse IgG2b, κ isotype control 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>	Red Laser (633 nm)
<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).

#### Application References

1. Smed-Sørensen A, *et al.* 2008. *Blood* 111:5037. (FA) [PubMed](#)
2. Podolin PL, *et al.* 2008. *J. Immunol.* 180:7989. (FC) [PubMed](#)

#### Product Citations

1. Gao Y, *et al.* 2016. *Nat Methods.* 10.1038/nmeth.4042. [PubMed](#)
2. Cao B, *et al.* 2022. *Nat Commun.* 13:6203. [PubMed](#)
3. Mota STS, *et al.* 2019. *Int J Mol Sci.* 20. [PubMed](#)
4. Fu Y, *et al.* 2020. *Sci Rep.* 10:9027. [PubMed](#)
5. Schneider T, *et al.* 2015. *Glycobiology.* 25: 812-824. [PubMed](#)
6. Chen LM, *et al.* 2021. *Biosci Rep.* 41:. [PubMed](#)
7. Wolpert F, *et al.* 2013. *Neuro Oncology.* 16:382. [PubMed](#)
8. Jafari M, *et al.* 2014. *J Virol.* 88:5062. [PubMed](#)
9. Zhu Y, *et al.* 2019. *Cell Stem Cell.* 25:542. [PubMed](#)
10. Foight GW, *et al.* 2019. *Nat Biotechnol.* 37:1209. [PubMed](#)
11. Su S *et al.* 2018. *Cell.* 175(2):442-457. [PubMed](#)
12. Arit A, *et al.* 2020. *Mol Oncol.* 14:571. [PubMed](#)

13. Yang WH, *et al.* 2018. Cancer Res. 78:3761. [PubMed](#)
14. Chen LM, *et al.* 2021. Biosci Rep. Online ahead of print. [PubMed](#)
15. Rotolo A *et al.* 2018. Cancer cell. 34(4):596-610 . [PubMed](#)
16. Luna-Yolba R, *et al.* 2021. Cancers (Basel). 13: . [PubMed](#)
17. Hassounah NB, *et al.* 2019. Cancer Immunol Immunother. 68:407. [PubMed](#)

RRID AB\_326500 (BioLegend Cat. No. 400322)

## Antigen Details

---

Gene ID NA

## Other Formats

---

APC Mouse IgG2b, κ Isotype Ctrl, Biotin Mouse IgG2b, κ Isotype Ctrl, FITC Mouse IgG2b, κ Isotype Ctrl, PE Mouse IgG2b, κ Isotype Ctrl, PE/Cyanine5 Mouse IgG2b, κ Isotype Ctrl, Purified Mouse IgG2b, κ Isotype Ctrl, APC/Cyanine7 Mouse IgG2b, κ Isotype Ctrl, PE/Cyanine7 Mouse IgG2b, κ Isotype Ctrl, Alexa Fluor® 647 Mouse IgG2b, κ Isotype Ctrl, Alexa Fluor® 488 Mouse IgG2b, κ Isotype Ctrl, Pacific Blue™ Mouse IgG2b, κ Isotype Ctrl, Alexa Fluor® 700 Mouse IgG2b, κ Isotype Ctrl, PerCP Mouse IgG2b, κ Isotype Ctrl, PerCP/Cyanine5.5 Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 421™ Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 570™ Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 510™ Mouse IgG2b, κ Isotype Ctrl, Ultra-LEAF™ Purified Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 605™ Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 650™ Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 711™ Mouse IgG2b, κ Isotype Ctrl, Brilliant Violet 785™ Mouse IgG2b, κ Isotype Ctrl, PE/Dazzle™ 594 Mouse IgG2b, κ Isotype Ctrl, Alexa Fluor® 594 Mouse IgG2b, κ Isotype Ctrl, APC/Fire™ 750 Mouse IgG2b, κ Isotype Ctrl, GolnVivo™ Purified Mouse IgG2b, κ Isotype Ctrl, TotalSeq™-A0092 Mouse IgG2b, κ isotype Ctrl, Go-ChIP-Grade™ Purified Mouse IgG2b, κ isotype Ctrl, TotalSeq™-B0092 Mouse IgG2b, κ isotype Ctrl, TotalSeq™-C0092 Mouse IgG2b, κ isotype Ctrl, TotalSeq™-D0092 Mouse IgG2b, κ Isotype Ctrl, GMP APC Mouse IgG2b, κ Isotype Control

For research use only. Not for diagnostic use. Not for resale. BioLegend will not be held responsible for patent infringement or other violations that may occur with the use of our products.

\*These products may be covered by one or more Limited Use Label Licenses (see the BioLegend Catalog or our website, [www.biolegend.com/ordering#license](http://www.biolegend.com/ordering#license)). BioLegend products may not be transferred to third parties, resold, modified for resale, or used to manufacture commercial products, reverse engineer functionally similar materials, or to provide a service to third parties without written approval of BioLegend. By use of these products you accept the terms and conditions of all applicable Limited Use Label Licenses. Unless otherwise indicated, these products are for research use only and are not intended for human or animal diagnostic, therapeutic or commercial use.

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