

## Product datasheet

# Mouse IgG1, kappa monoclonal [MOPC-21] - isotype control ab18443

## 39 References

### Overview

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<b>Product name</b>	Mouse IgG1, kappa monoclonal [MOPC-21] - isotype control
<b>Specificity</b>	MOPC-21 immunoglobulin has unknown specificity and was chosen as an isotype control after screening on a variety of resting, activated, live and fixed rat and human tissues.
<b>Tested applications</b>	<b>Suitable for:</b> IHC-P, IHC-Fr, Flow Cyt, IP, WB
<b>Immunogen</b>	Other Immunogen Type corresponding to Mouse. There is no immunogen for this product because it was not generated through a hybridoma. It was generated by the myeloma of a mouse that was fed mineral oil.
<b>General notes</b>	<p>ab18443 MOPC-21 immunoglobulin is useful as an isotype-matched control in Western blotting, immunoprecipitation, immunohistochemical staining, bioassay and immunofluorescent staining (surface or intracellular) for flow cytometric analysis.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C.
<b>Storage buffer</b>	pH: 7.20 Preservative: 0.09% Sodium azide Constituent: PBS
<b>Purity</b>	Protein G purified
<b>Isotype control notes</b>	<b><u>ab18433</u></b> MOPC-21 immunoglobulin is useful as an isotype-matched control in Western blotting, immunoprecipitation, immunohistochemical staining, bioassay and immunofluorescent staining (surface or intracellular) for flow cytometric analysis.

<b>Clonality</b>	Monoclonal
<b>Clone number</b>	MOPC-21
<b>Isotype</b>	IgG1
<b>Light chain type</b>	kappa

## Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab18443 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-P		Use at an assay dependent concentration.
IHC-Fr		Use at an assay dependent concentration.
Flow Cyt		Use at an assay dependent concentration. Suitable for surface or intracellular staining.
IP		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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