

## Product datasheet

# FITC Mouse IgG1, monoclonal [HybIgG1] - Isotype Control ab1264

### Overview

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<b>Product name</b>	FITC Mouse IgG1, monoclonal [HybIgG1] - Isotype Control
<b>Description</b>	FITC Mouse IgG1, monoclonal [HybIgG1] - Isotype Control
<b>Conjugation</b>	FITC. Ex: 493nm, Em: 528nm
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt
<b>General notes</b>	<p>This antibody is a direct immunofluorescence reagent used as an isotype (negative) control for flow cytometric immunophenotyping of erythrocyte-lysed whole blood with monoclonal antibodies.</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 the problem with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation.</p> <p>One factor contributing to the crisis is the use of antibodies that are not suitable. This can lead to misleading results and the use of incorrect data informing project assumptions and direction. To help address this challenge, we have introduced an application and species grid on our primary antibody datasheets to make it easy to simplify identification of the right antibody for your needs.</p> <p>Learn more <a href="#">here</a>.</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>	Preservative: 0.1% Sodium azide Constituent: 0.5% BSA
<b>Isotype control notes</b>	This antibody is a direct immunofluorescence reagent used as an isotype (negative) control for flow cytometric immunophenotyping of erythrocyte-lysed whole blood with monoclonal antibodies.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	HybIgG1
<b>Myeloma</b>	unknown
<b>Isotype</b>	IgG1
<b>Light chain type</b>	unknown

## Applications

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**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of **ab1264** 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
Flow Cyt		Use at an assay dependent concentration. This antibody is used to determine the unstained lymphocyte population and to determine any non-antigen-specific antibody binding on mononuclear cells separated by density gradient or on lysed whole blood. IgG1 (FITC) immunofluorescence analysis can be performed on a flow cytometer equipped with an excitation source of 488nm and fitted with logarithmic amplifiers. 10µl

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

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