

Technical Data Sheet

Ig Isotype Control Cocktail - C

Product Information

Material Number:	558659
Size:	20 tests
Vol. per Test:	20 ul
Storage Buffer:	Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

Description

Cocktail Component	Clone
APC mIgG1 Isotype Control	MOPC-21
PE mIgG1 Isotype Control	MOPC-21
FITC mIgG1 Isotype Control	MOPC-21

The Isotype Control Cocktail C is a mixture of Mouse IgG1 conjugated to different fluorochromes. The cocktail is designed and optimized to work in conjunction with the NHP T Lymphocyte and T/B/NK Cocktail. The MOPC-21 immunoglobulin is a mouse myeloma protein and was selected as an isotype control following screening for low background on a variety of mouse and human tissues.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

The antibody was conjugated to APC under optimum conditions, and unconjugated antibody and free APC were removed.

The antibody was conjugated with R-PE under optimum conditions, and unconjugated antibody and free PE were removed.

The antibody was conjugated with FITC under optimum conditions, and unreacted FITC was removed.

Store undiluted at 4°C and protected from prolonged exposure to light. Do not freeze.

Application Notes

Application

Flow cytometry	Tested During Development
----------------	---------------------------

Suggested Companion Products

Catalog Number	Name	Size	Clone
558625	NHP T Lymphocyte Cocktail	50 tests	(none)
558639	NHP T/B/NK Cell Cocktail	50 tests	(none)

Product Notices

- This antibody has been optimized and preassayed with its matched isotype control to be used at the recommended volume of 20 ul/test. Titration of the reagents or substituting with other (non-matched) isotype control is NOT recommended.
- Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.
- Source of all serum proteins is from USDA inspected abattoirs located in the United States.
- Caution: Sodium azide yields highly toxic hydrazoic acid under acidic conditions. Dilute azide compounds in running water before discarding to avoid accumulation of potentially explosive deposits in plumbing.

References

Prussin C, Metcalfe DD. Detection of intracytoplasmic cytokine using flow cytometry and directly conjugated anti-cytokine antibodies. *J Immunol Methods*. 1995; 188(1):117-128. (Clone-specific)

BD Biosciences

bdbiosciences.com

United States	Canada	Europe	Japan	Asia Pacific	Latin America/Caribbean
877.232.8995	888.268.5430	32.53.720.550	0120.8555.90	65.6861.0633	0800.771.7157

For country-specific contact information, visit bdbiosciences.com/how_to_order/

Conditions: The information disclosed herein is not to be construed as a recommendation to use the above product in violation of any patents. BD Biosciences will not be held responsible for patent infringement or other violations that may occur with the use of our products. Purchase does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written authorization of Becton Dickinson and Company is strictly prohibited.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Not for resale.

BD, BD Logo and all other trademarks are the property of Becton, Dickinson and Company. ©2011 BD

