

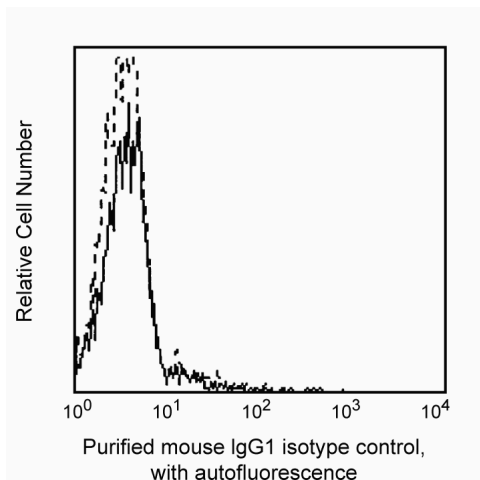
Technical Data Sheet

Purified Mouse IgG1 κ Isotype Control**Product Information**

Material Number:	554121
Size:	0.1 mg
Concentration:	0.5 mg/ml
Clone:	MOPC-21
Isotype:	Mouse IgG1, κ
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The MOPC-21 immunoglobulin is a mouse myeloma protein. The MOPC-21 immunoglobulin was selected as an isotype control following screening for low background on a variety of mouse and human tissues.



Profile of peripheral blood lymphocytes analyzed on a FACScan (BDIS, San Jose, CA)

Preparation and Storage

Store undiluted at 4°C.

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

Application Notes**Application**

Isotype control	Routinely Tested
Flow cytometry	Routinely Tested
Intracellular staining (flow cytometry)	Routinely Tested

Recommended Assay Procedure:

Clone MOPC-21 is recommended for flow cytometric analysis. It is useful as a mouse IgG1 isotype-matched negative control for this application when used at the same concentration as the antibody of interest.

Suggested Companion Products

Catalog Number	Name	Size	Clone
554656	Stain Buffer (FBS)	500 ml	(none)

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. 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.
3. An isotype control should be used at the same concentration as the antibody of interest.
4. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.

References

Sibinovic KH, Potter M, Hoostelaere, Rode B, Wax J, ed. *Catalogue of plasmacytomas and other tumors of the lymphoreticular system*, 3rd edition. Kensington, Maryland: Litton Bionetics, Inc; 1976:1-33. (Clone-specific)

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