

## Technical Data Sheet

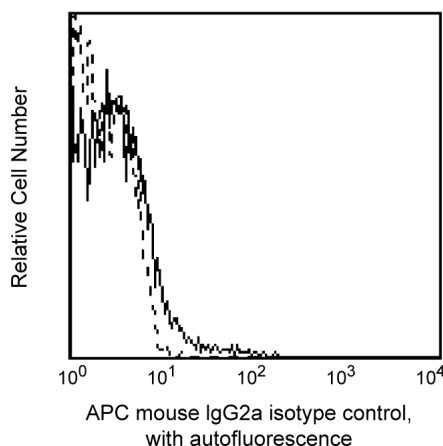
## APC Mouse IgG2a, κ Isotype Control

## Product Information

|                  |                                                                   |
|------------------|-------------------------------------------------------------------|
| Material Number: | 551414                                                            |
| Size:            | 50 tests                                                          |
| Vol. per Test:   | 20 µl                                                             |
| Clone:           | G155-178                                                          |
| Immunogen:       | TNP-keyhole limpet hemocyanin                                     |
| Isotype:         | Mouse (BALB/c) IgG2a, κ                                           |
| Reactivity:      | Unknown specificity                                               |
|                  | QC Testing: Rhesus or Baboon or Cynomolgus                        |
| Storage Buffer:  | Aqueous buffered solution containing BSA and ≤0.09% sodium azide. |

## Description

The G155-178 clone has an unknown specificity. Trinitrophenol (TNP), the immunogen, is a hapten not expressed on human, mouse, rat or non-human primate cells. In the absence of specific binding, this antibody may bind non-specifically to immunoglobulin Fc receptors. The immunoglobulin secreted by the G155-178 hybridoma was selected as an mouse IgG2a, κ isotype control following screening for low background binding on a variety of mouse and human tissues.



*Profile of peripheral blood lymphocytes of Rhesus macaque (macaca mulatta) analyzed by flow cytometry.*

## 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.

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

## Application Notes

## Application

|                 |                  |
|-----------------|------------------|
| Flow cytometry  | Routinely Tested |
| Isotype control | Routinely Tested |

## Recommended Assay Procedure:

An isotype control should be used at the same concentration as the antibody of interest.

## Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Please refer to [www.bdbiosciences.com/pharmingen/protocols](http://www.bdbiosciences.com/pharmingen/protocols) for technical protocols.
3. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at [www.bdbiosciences.com/colors](http://www.bdbiosciences.com/colors).
4. 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.
5. Source of all serum proteins is from USDA inspected abattoirs located in the United States.

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