

Technical Data Sheet

APC Rat IgG2b, κ Isotype Control

Product Information

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| Material Number: | 553991 |
| Size: | 0.1 mg |
| Concentration: | 0.2 mg/ml |
| Clone: | A95-1 |
| Immunogen: | TNP-Keyhole Limpet Hemocyanin |
| Isotype: | Rat (LOU) IgG2b, κ |
| Storage Buffer: | Aqueous buffered solution containing $\leq 0.09\%$ sodium azide. |

Description

The A95-1 antibody has unknown specificity. Trinitrophenal (TNP), the immunogen, is a hapten that is not expressed on human, mouse, rat, or non-human primate cells. The A95-1 immunoglobulin 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.

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

Application Notes

Application

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|-----------------|------------------|
| 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 (e.g., ≤ 1 μ g/million cells for flow cytometry).

APC fluorochrome is excited by laser lines 595 to 647 nm, and its emission is collected in a detector for fluorescence wavelengths between 640 and 680 nm.

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 for technical protocols.
3. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at 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.

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