

Technical Data Sheet

APC Rat IgG1, λ Isotype Control

Product Information

Material Number:	550884
Size:	0.1 mg
Concentration:	0.2 mg/ml
Clone:	A110-1
Immunogen:	Trinitrophenal-KLH
Isotype:	Rat (LOU) IgG1, λ
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The A110-1 clone has an unknown specificity. Trinitrophenal (TNP), the immunogen, is a hapten not expressed on human, mouse, or rat cells. In the absence of specific binding, this antibody may bind non-specifically to Fc receptors. The immunoglobulin from clone A110-1 was selected as an isotype control following screening for low background on a variety of mouse and rat 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

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).

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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