

Technical Data Sheet

Biotin Rat IgG1 λ Isotype Control**Product Information**

Material Number:	553994
Size:	0.25 mg
Concentration:	0.5 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.

This antibody is routinely tested by flow cytometric analysis. Other applications were tested at BD Biosciences Pharmingen during antibody development only.

Preparation and Storage

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

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

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

Application Notes**Application**

Isotype control	Routinely Tested
Flow cytometry	Routinely Tested

Recommended Assay Procedure:

An isotype control should be used at the same concentration as the antibody of interest (e.g., ≤ 1 μg /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. 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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