Technical Data Sheet

Purified Rat IgG2b, κ Isotype Control

Product Information

Material Number:	**553986**
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	A95-1
Immunogen:	TNP-Keyhole Limpet Hemocyanin
Isotype:	Rat (LOU) IgG2b, κ
Reactivity:	QC Testing: Mouse
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

The A95-1 antibody has unknown specificity. Trinitrophenal (TNP), the immunogen, is a hapten 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.
This antibody is routinely tested by flow cytometric analysis. Other applications were tested at BD Biosciences Pharmingen during antibody development only or reported in the literature.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Store undiluted at 4° C.

Application Notes

Application

Flow cytometry	Routinely Tested
Isotype control	Routinely Tested
Cytotoxicity	Tested During Development
ELISA	Tested During Development

Recommended Assay Procedure:
For immunohistochemical staining, we recommend the use of purified A95-1 mAb in our special formulation for immunohistochemistry, Cat. No. 559478.

Suggested Companion Products

Catalog Number	Name	Size	Clone
559478	Purified Rat IgG2b, κ Isotype Control	0.25 mg	A95-1
554016	FITC Goat Anti-Rat Igs	0.5 mg	Polyclonal

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.
4. Sodium azide is a reversible inhibitor of oxidative metabolism; therefore, antibody preparations containing this preservative agent must not be used in cell cultures nor injected into animals. Sodium azide may be removed by washing stained cells or plate-bound antibody or dialyzing soluble antibody in sodium azide-free buffer. Since endotoxin may also affect the results of functional studies, we recommend the NA/LE™ (No Azide/Low Endotoxin) antibody format, if available, for in vitro and in vivo use.
5. An isotype control should be used at the same concentration as the antibody of interest.

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