

## Technical Data Sheet

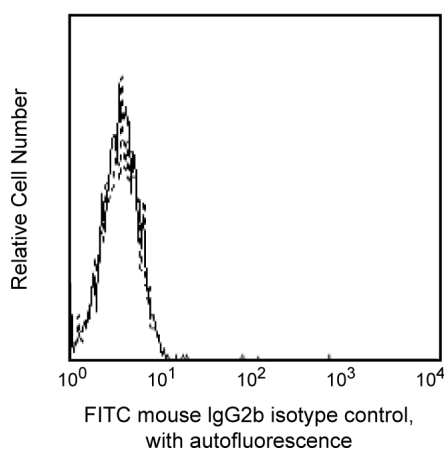
**FITC Mouse IgG2b, κ Isotype Control****Product Information**

<b>Material Number:</b>	556655
<b>Alternate Name:</b>	anti-dansyl
<b>Size:</b>	50 tests
<b>Vol. per Test:</b>	20 µl
<b>Clone:</b>	27-35
<b>Isotype:</b>	Mouse (C.SW) IgG2b, κ
<b>Storage Buffer:</b>	Aqueous buffered solution containing BSA and ≤0.09% sodium azide.

**Description**

The mouse IgG2b, κ immunoglobulin isotype control monoclonal antibody 27-35 is specific for the hapten dansyl (5-[dimethylamino] naphthalene-1-sulfonyl). This hapten is not expressed on human cells or human cell lines. The 27-35 immunoglobulin was selected as an isotype control following testing which demonstrated low background staining on a variety of mouse and human tissues.

This hapten is not expressed on non-human primate cells. This antibody is routinely tested by flow cytometric analysis. Other applications were tested at BD Biosciences Pharmingen during antibody development only.



*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 with FITC under optimum conditions, and unreacted FITC was 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.

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## Product Notices

1. This reagent has been pre-diluted for use at the recommended Volume per Test. We typically use  $1 \times 10^6$  cells in a 100- $\mu$ l experimental sample (a test).
2. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
3. Please refer to [www.bdbiosciences.com/pharmingen/protocols](http://www.bdbiosciences.com/pharmingen/protocols) for technical protocols.
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.

## References

Dangl JL, Parks DR, Oi VT, Herzenberg LA. Rapid isolation of cloned isotype switch variants using fluorescence activated cell sorting. *Cytometry*. 1982; 2(6):395-401.(Immunogen)