

Technical Data Sheet

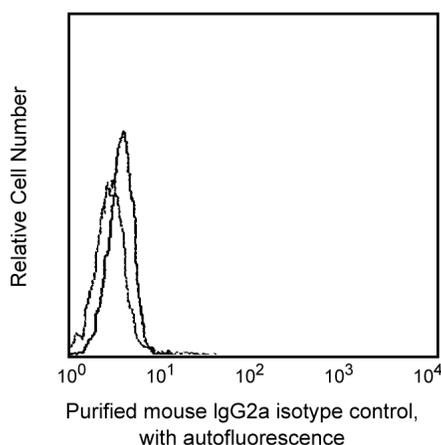
Purified Mouse IgG2a, κ Isotype Control**Product Information**

Material Number:	555571
Size:	0.1 mg
Concentration:	0.5 mg/ml
Clone:	G155-178
Immunogen:	TNP-keyhole limpet hemocyanin
Isotype:	Mouse (BALB/c) IgG2a, κ
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

The G155-178 clone has an unknown specificity. Trinitrophenal (TNP), the immunogen, is a hapten not expressed on human, mouse, rat or non-human primate cells. In the absence of specific binding, this antibody may bind non-specifically to Fc receptors. The immunoglobulin from clone G155-178 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.



Profile of peripheral blood lymphocytes analyzed on a FACSscan (BDIS, San Jose, CA)

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

Recommended Assay Procedure:

An isotype control should be used at the same concentration as the antibody of interest.

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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