

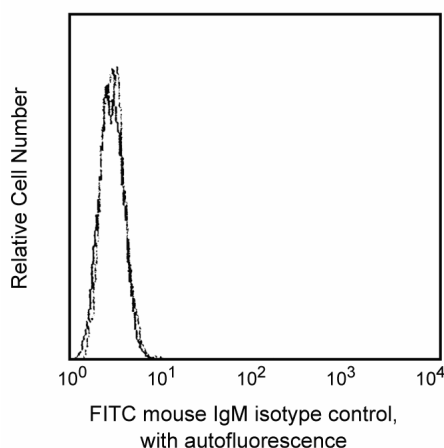
Technical Data Sheet

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

Material Number:	555583
Alternate Name:	Anti-TNP
Size:	100 Tests
Vol. per Test:	20 µl
Clone:	G155-228
Immunogen:	TNP-Keyhole Limpet Hemocyanin
Isotype:	Mouse (BALB/c) IgM, κ
Storage Buffer:	Aqueous buffered solution containing BSA, protein stabilizer, and ≤0.09% sodium azide.

Description

The G155-228 antibody is specific for the hapten trinitrophenol (TNP), a hapten not expressed on human, non-human primate, mouse, or rat primary cells or cell lines. In the absence of specific binding, this immunoglobulin may bind non-specifically to Fc receptors.



Flow cytometric analysis of FITC Mouse IgM, κ Isotype Control on peripheral blood lymphocytes. Whole blood was stained with FITC Mouse IgM, κ Isotype Control (Cat. No. 555583, solid line histogram), or unstained (dashed line histogram). Erythrocytes were lysed with Lysing Buffer (Cat. No. 555899). Fluorescence histograms were derived from gated events with the forward and side light-scattering characteristics of viable lymphocytes. Flow cytometry was performed on a BD FACScan™.

Preparation and Storage

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

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.

Application Notes**Application**

Flow cytometry	Routinely Tested
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Suggested Companion Products

Catalog Number	Name	Size	Clone
554656	Stain Buffer (FBS)	500 mL	(none)
554657	Stain Buffer (BSA)	500 mL	(none)
551448	FITC Mouse IgM, κ Isotype Control	50 Tests	G155-228
349202	BD FACST™ Lysing Solution	100 mL	(none)
555899	Lysing Buffer	100 mL	(none)

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555583 Rev. 10



Product Notices

1. This reagent has been pre-diluted for use at the recommended Volume per Test. We typically use 1×10^6 cells in a 100- μ l experimental sample (a test).
2. An isotype control should be used at the same concentration as the antibody of interest.
3. Source of all serum proteins is from USDA inspected abattoirs located in the United States.
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. For fluorochrome spectra and suitable instrument settings, please refer to our Multicolor Flow Cytometry web page at www.bdbiosciences.com/colors.
6. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.