

## Technical Data Sheet

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

<b>Material Number:</b>	550883
<b>Size:</b>	0.1 mg
<b>Concentration:</b>	0.2 mg/ml
<b>Clone:</b>	G155-228
<b>Immunogen:</b>	TNP-Keyhole Limpet Hemocyanin
<b>Isotype:</b>	Mouse (BALB/c) IgM, κ
<b>Reactivity:</b>	QC Testing: Mouse.
<b>Storage Buffer:</b>	Aqueous buffered solution containing ≤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.

**Preparation and Storage**

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

The antibody was conjugated to APC under optimum conditions, and unconjugated antibody and free APC were removed.

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

**Application Notes****Application**

Flow cytometry	Routinely Tested
Immunofluorescence	Tested During Development
Intracellular staining (flow cytometry)	Not Recommended

**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](http://www.bdbiosciences.com/pharmingen/protocols) for technical protocols.
3. For fluorochrome spectra and suitable instrument settings, please refer to our Fluorochrome Web Page at [www.bdbiosciences.com/colors](http://www.bdbiosciences.com/colors).
4. This APC-conjugated reagent can be used in any flow cytometer equipped with a dye, HeNe, or red diode laser.
5. 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.
6. An isotype control should be used at the same concentration as the antibody of interest.

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