

## Technical Data Sheet

# FITC Mouse IgA, κ Isotype Control

### Product Information

<b>Material Number:</b>	553478
<b>Size:</b>	0.25 mg
<b>Concentration:</b>	0.5 mg/ml
<b>Clone:</b>	M18-254
<b>Isotype:</b>	Mouse (BALB/c) IgA, κ
<b>Storage Buffer:</b>	Aqueous buffered solution containing ≤0.09% sodium azide.

### Description

The M18-254 antibody has unknown specificity.

### 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
Intracellular staining (flow cytometry)	Not Recommended
Immunohistochemistry	Not Recommended

#### Recommended Assay Procedure:

Clone M18-254 is useful as an isotype-matched negative control for immunofluorescent staining of unfixed, live cell suspensions. This product is not recommended for use as an isotype control for intracellular or immunohistochemical staining applications.

### Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. An isotype control should be used at the same concentration as the antibody of interest.
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.

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