

## Technical Data Sheet

## FITC Mouse Anti-Rat IgG1/2a

## Product Information

Material Number:	553881
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	G28-5
Immunogen:	Pooled Rat IgG
Isotype:	Mouse IgG2a
Reactivity:	QC Testing: Rat
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

## Description

The G28-5 antibody reacts specifically with rat IgG1 and IgG2a. It does not react with other Ig isotypes. A suspension of pooled rat IgG1 was used as the source of immunogen.

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.

## 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
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## Recommended Assay Procedure:

FITC-conjugated G28-5 mAb may be used as a secondary reagent in immunofluorescent staining.

## Suggested Companion Products

Catalog Number	Name	Size	Clone
553456	FITC Mouse IgG2a, κ Isotype Control	0.25 mg	G155-178

## 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. 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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