

## Technical Data Sheet

# Purified Mouse Anti-Rat IgG2c

### Product Information

<b>Material Number:</b>	553910
<b>Size:</b>	0.5 mg
<b>Concentration:</b>	0.5 mg/ml
<b>Clone:</b>	A92-3
<b>Immunogen:</b>	Pooled rat IgG2c
<b>Isotype:</b>	Mouse (BALB/c) IgG1, $\kappa$
<b>Reactivity:</b>	QC Tested: Rat
<b>Storage Buffer:</b>	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

### Description

The A92-3 antibody reacts specifically with rat IgG2c. It does not react with other Ig isotypes.

### 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

ELISA Capture	Routinely Tested
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#### Recommended Assay Procedure:

Purified clone A92-3 is useful as a capture antibody for detection of rat IgG2c in a sandwich ELISA. It is optimal for capture when paired with biotinylated A92-1 mAb (Cat. no. 553909) for detection, and Clone A23-1 as a standard, (Cat. No. 553982). For use in in vivo and in vitro cellular assays, the no azide/low endotoxin format of clone A23-1 is recommended, (Cat. No. 553981).

### Suggested Companion Products

Catalog Number	Name	Size	Clone
553909	Biotin Mouse Anti-Rat IgG2c	0.5 mg	A92-1
553982	Purified Rat IgG2c, $\kappa$ Isotype Control	0.5 mg	A23-1

### 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. Sodium azide is a reversible inhibitor of oxidative metabolism; therefore, antibody preparations containing this preservative agent must not be used in cell cultures nor injected into animals. Sodium azide may be removed by washing stained cells or plate-bound antibody or dialyzing soluble antibody in sodium azide-free buffer. Since endotoxin may also affect the results of functional studies, we recommend the NA/LE (No Azide/Low Endotoxin) antibody format, if available, for in vitro and in vivo use.
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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