Technical Data Sheet

Purified Mouse Anti-Rat IgG2c

Product Information

Material Number:	**553910**
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	A92-3
Immunogen:	Pooled rat IgG2c
Isotype:	Mouse (BALB/c) IgG1, κ
Reactivity:	QC Tested: Rat
Storage Buffer:	Aqueous buffered solution containing ≤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

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, κ 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 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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