

Technical Data Sheet

Biotin Mouse Anti-Rat IgG2c

Product Information

Material Number:	553909
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	A92-1
Immunogen:	Pooled rat IgG2c
Isotype:	Mouse (BALB/c) IgG1, κ
Reactivity:	QC Testing: Rat
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The A92-1 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.

The antibody was conjugated with biotin under optimum conditions, and unreacted biotin was removed.

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

Application Notes

Application

ELISA	Routinely Tested
Flow cytometry	Routinely Tested
Immunohistochemistry-frozen	Tested During Development
Intracellular staining (flow cytometry)	Tested During Development

Recommended Assay Procedure:

ELISA: For the rat IgG2c sandwich ELISA, biotinylated A92-1 mAb is optimal for detection when used with purified A92-3 mAb (Cat. no. 553910) for capture and purified rat IgG2c κ , Cat. No. 553982, for the protein standard.

Other applications: Biotinylated A92-1 mAb may be used as a secondary reagent in immunofluorescent surface staining. Other reported applications include flow cytometric detection of intracytoplasmic IgG2c and immunohistochemical staining of acetone-fixed frozen sections.

Suggested Companion Products

Catalog Number	Name	Size	Clone
553910	Purified Mouse Anti-Rat IgG2c	0.5 mg	A92-3
553982	Purified Rat IgG2c, κ Isotype Control	0.5 mg	A23-1
550615	Biotin Mouse IgG1 κ Isotype Control	0.25 mg	MOPC-31C

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. 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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