Technical Data Sheet

Biotin Mouse Anti-Syrian Hamster IgG2

Product Information

Material Number:	**554029**
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	G192-3
Immunogen:	Pooled Armenian and Syrian Hamster IgG mAb
Isotype:	Mouse (BALB/c) IgG1, κ
Reactivity:	QC Testing: Syrian Hamster
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

Based on ELISA, the G192-3 antibody reacts specifically with Syrian hamster IgG2 monoclonal antibodies. The G192-3 mAb does not react with other hamster IgG groups or hamster IgM.

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 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

Isotype control	Routinely Tested
Flow cytometry	Routinely Tested
ELISA	Tested During Development

Recommended Assay Procedure:
Biotin-conjugated G192-3 mAb may be used as a secondary reagent in immunofluorescent staining.

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. Although hamster immunoglobulin isotypes have not been well defined, BD Biosciences Pharmingen has grouped Armenian and Syrian hamster IgG monoclonal antibodies according to their reactivity with a panel of mouse anti-hamster IgG mAbs. A table of the hamster IgG groups, Reactivity of Mouse Anti-Hamster Ig mAbs, may be viewed at http://www.bdbiosciences.com/pharmingen/hamster_chart_11x17.pdf.
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.
5. An isotype control should be used at the same concentration as the antibody of interest.

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