Technical Data Sheet

Biotin Mouse Anti-Armenian and Syrian Hamster IgG Cocktail

Product Information

Material Number:	**554010**
Size:	0.5 mg
Concentration:	0.5 mg/ml
Storage Buffer:	Aqueous buffered solution containing protein stabilizer and ≤0.09% sodium azide.
Description:	Mouse anti-Hamster IgG1
Clone Name:	G94-56
Immunogen:	Pooled Armenian hamster IgG mAb
Isotype:	Mouse (BALB/c) IgG2b, κ
Description:	Mouse anti-Hamster IgG2-3
Clone Name:	G70-204
Immunogen:	Pooled Armenian Hamster IgG mAb
Isotype:	Mouse (BALB/c) IgG1, κ

Description

This preparation consists of a mixture of two mouse anti-hamster IgG monoclonal antibodies. It reacts with Armenian hamster IgG1, IgG2, and IgG3, and Syrian hamster IgG1 monoclonal antibodies. It does not react with other hamster IgG groups or hamster IgM.

Preparation and Storage

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

Application Notes

Application

ELISA	Routinely Tested
Flow cytometry	Tested During Development
Immunohistochemistry	Tested During Development

Recommended Assay Procedure:

Biotin-conjugated mAb cocktail may be used as a secondary reagent in immunofluorescent staining. For immunohistochemical staining, we recommend the use of biotinylated anti-hamster IgG cocktail in our special formulation for immunohistochemistry, Cat. No. 550335.

Suggested Companion Products

Catalog Number	Name	Size	Clone
550335	Biotin Mouse Anti-Hamster IgG Cocktail	1 mL	G94-56

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. 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.
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/documents/hamster_chart_11x17.pdf.
4. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.

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