

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

<u>Catalog Number</u>	<u>Name</u>	<u>Size</u>	<u>Clone</u>
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.

BD Biosciences

bdbiosciences.com

United States	Canada	Europe	Japan	Asia Pacific	Latin America/Caribbean
877.232.8995	866.979.9408	32.2.400.98.95	0120.8555.90	65.6861.0633	55.11.5185.9995

For country contact information, visit bdbiosciences.com/contact

Conditions: The information disclosed herein is not to be construed as a recommendation to use the above product in violation of any patents. BD Biosciences will not be held responsible for patent infringement or other violations that may occur with the use of our products. Purchase does not include or carry any right to resell or transfer this product either as a stand-alone product or as a component of another product. Any use of this product other than the permitted use without the express written authorization of Becton, Dickinson and Company is strictly prohibited.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Not for resale.

Unless otherwise noted, BD, BD Logo and all other trademarks are property of Becton, Dickinson and Company. © 2015 BD

554010 Rev. 15

