

## Technical Data Sheet

## Biotin Mouse Anti-Hamster IgG Cocktail

## Product Information

<b>Material Number:</b>	550335
<b>Size:</b>	1 mL
<b>Concentration:</b>	500 µg/ml
<b>Immunogen:</b>	Pooled Armenian hamster IgG mAb
<b>Reactivity:</b>	QC Testing: Armenian Hamster
<b>Storage Buffer:</b>	Aqueous buffered solution containing BSA, protein stabilizer, goat serum, and ≤ 0.09% sodium azide.

## Description

This preparation consists of a mixture of two mouse anti-hamster IgG monoclonal antibodies: G70-204 (isotype IgG1,κ), and G94-56 (isotype IgG2b,κ). It reacts with Armenian hamster IgG, groups 1, 2, and 3, and Syrian hamster IgG, group 1, and group 2 monoclonal antibodies. It does not react with hamster IgM antibodies.

## Preparation and Storage

Store undiluted at 4°C.

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
Immunohistochemistry-frozen	Tested During Development
Immunohistochemistry-formalin (antigen retrieval required)	Tested During Development
Immunohistochemistry-zinc-fixed	Tested During Development
Flow cytometry	Tested During Development

## Recommended Assay Procedure:

For immunohistochemical staining, a dilution range of 1:50 - 1:200 is suggested.

## Suggested Companion Products

Catalog Number	Name	Size	Clone
550946	Streptavidin HRP	50 mL	(none)
559148	Antibody Diluent for IHC	125 mL	(none)
550880	DAB Substrate Kit	500 Tests	(none)

## Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. Source of all serum proteins is from USDA inspected abattoirs located in the United States.
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.
4. This antibody has been developed for the immunohistochemistry application. However, a routine immunohistochemistry test is not performed on every lot. Researchers are encouraged to titrate the reagent for optimal performance.
5. 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](http://www.bdbiosciences.com/documents/hamster_chart_11x17.pdf).
6. Please refer to [www.bdbiosciences.com/pharmingen/protocols](http://www.bdbiosciences.com/pharmingen/protocols) for technical protocols.

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