

Technical Data Sheet

Biotin Mouse Anti-Hamster Ig, κ Light Chain**Product Information**

Material Number:	550636
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	HIG-29
Immunogen:	Pooled Armenian Hamster IgG mAb
Isotype:	Mouse (BALB/c) IgG1, κ
Reactivity:	QC Testing: Hamster
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

Based on ELISA, the HIG-29 antibody reacts specifically with both Syrian and Armenian hamster Ig, κ light chains. It does not react with Ig, κ light chains from other species, nor with hamster Ig heavy chains.

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	Tested During Development

Recommended Assay Procedure:

Biotin-conjugated mAb HIG-29 may be used as a secondary reagent in immunofluorescent staining. For immunohistochemical staining, we recommend biotinylated anti-hamster IgG mAb cocktail in our special formulation for immunohistochemistry, Cat. no. 550335.

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.

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