

Technical Data Sheet

Purified NA/LE Mouse Anti-Armenian and Syrian Hamster IgG1**Product Information**

Material Number:	554005
Size:	0.5 mg
Concentration:	1.0 mg/ml
Clone:	G94-56
Immunogen:	Pooled Armenian hamster IgG mAb
Isotype:	Mouse (BALB/c) IgG2b, κ
Reactivity:	QC Testing: Hamster
Storage Buffer:	No azide/low endotoxin: Aqueous buffered solution containing protein stabilizer, no preservative, 0.2 μ m sterile filtered. Endotoxin level is \leq 0.01 EU/ μ g (\leq 0.001 ng/ μ g) of protein as determined by the LAL assay.

Description

Based on ELISA, the G94-56 antibody reacts specifically with Armenian and Syrian hamster IgG1 monoclonal antibodies, but has low reactivity with some other hamster IgG groups. The G94-56 mAb does not react with hamster IgM.

Preparation and Storage

Store undiluted at 4°C.

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

This preparation contains no preservatives, thus it should be handled under aseptic conditions.

Application Notes**Application**

Flow cytometry	Routinely Tested
ELISA	Tested During Development

Recommended Assay Procedure:

ELISA: For sandwich ELISA (hamster IgG (group 1)), biotin-conjugated mAb G94-56 (Cat. No. 554007) is optimal for detection with purified anti-hamster IgG mAb HIG-632 (Cat. No. 550637) for capture.

Suggested Companion Products

Catalog Number	Name	Size	Clone
550637	Purified Mouse Anti-Armenian and Syrian Hamster IgG1	0.5 mg	HIG-632
554007	Biotin Mouse Anti-Armenian and Syrian Hamster IgG1	0.5 mg	G94-56

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. An isotype control should be used at the same concentration as the antibody of interest.
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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