Technical Data Sheet

Purified Mouse Anti-Armenian and Syrian Hamster IgG1

Product Information

Material Number:	**550637**
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	HIG-632
Immunogen:	Pooled Armenian Hamster IgG mAb
Isotype:	Mouse (BALB/c) IgG2b, κ
Reactivity:	QC Testing: Hamster
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

Based on ELISA, the HIG-632 antibody reacts specifically with Armenian and Syrian hamster IgG1 monoclonal antibodies. The HIG-632 mAb does not react with other hamster IgG groups or hamster IgM.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.
Store undiluted at 4° C.

Application Notes

Application

ELISA	Routinely Tested

Recommended Assay Procedure:

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

Suggested Companion Products

Catalog Number	Name	Size	Clone
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. 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.
5. Sodium azide is a reversible inhibitor of oxidative metabolism; therefore, antibody preparations containing this preservative agent must not be used in cell cultures nor injected into animals. Sodium azide may be removed by washing stained cells or plate-bound antibody or dialyzing soluble antibody in sodium azide-free buffer. Since endotoxin may also affect the results of functional studies, we recommend the NA/LE (No Azide/Low Endotoxin) antibody format, if available, for in vitro and in vivo use.

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