

## Technical Data Sheet

**Purified Mouse Anti-Armenian Hamster IgG2/3****Product Information**

<b>Material Number:</b>	554003
<b>Size:</b>	0.5 mg
<b>Concentration:</b>	0.5 mg/ml
<b>Clone:</b>	G70-204
<b>Immunogen:</b>	Pooled Armenian Hamster IgG mAb
<b>Isotype:</b>	Mouse (BALB/c) IgG1, $\kappa$
<b>Reactivity:</b>	QC Testing: Armenian Hamster
<b>Storage Buffer:</b>	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

**Description**

Based on ELISA, the G70-204 antibody reacts specifically with Armenian hamster IgG2 and IgG3 monoclonal antibodies. The G70-204 clone does not react with other hamster IgG groups, IgM, or Syrian hamster IgG.

**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
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**Recommended Assay Procedure:**

For the sandwich hamster IgG ELISA, mAb G70-204 is optimal for capture with biotinylated anti-hamster IgG mAb HIG-88 for detection.

**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](http://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](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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