

Technical Data Sheet

Biotin Mouse Anti-Armenian Hamster IgM

Product Information

Material Number:	554035
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	G188-9
Immunogen:	Armenian Hamster IgM
Isotype:	Mouse (BALB/c) IgG1, κ
Reactivity:	QC Testing: Hamster
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

Based on ELISA, the G188-9 antibody reacts specifically with hamster IgM monoclonal antibodies. The G188-9 mAb does not react with hamster IgG. Cross-reactivity with rat IgM has been observed.

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 Detection	Routinely Tested
Flow cytometry	Routinely Tested

Recommended Assay Procedure:

For the sandwich hamster IgM ELISA, biotinylated mAb G188-9 is optimal for detection with purified anti-hamster IgM mAb G188-2 (Cat. no. 554031) for capture. Biotinylated G188-9 mAb may be used as a secondary reagent in immunofluorescent staining.

Suggested Companion Products

Catalog Number	Name	Size	Clone
554031	Purified Mouse Anti-Armenian Hamster IgM	0.5 mg	G188-2

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. 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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