

Technical Data Sheet

Purified Mouse Anti-Armenian Hamster IgM

Product Information

Material Number:	554031
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	G188-2
Immunogen:	Armenian Hamster IgM (mAb HM40-3)
Isotype:	Mouse (BALB/c) IgG1, κ
Reactivity:	QC Testing: Armenian Hamster
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

Based on ELISA, the G188-2 antibody reacts specifically with hamster IgM. The G188-2 mAb does not react with 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 hamster IgM sandwich ELISA, purified clone G188- 2 is optimal for capture with biotinylated anti-hamster IgM clone G188-9 (Cat. no. 554035) for detection, and Purified Hamster IgM (Cat. no. 553958) for the standard.

Suggested Companion Products

Catalog Number	Name	Size	Clone
554035	Biotin Mouse Anti-Armenian Hamster IgM	0.5 mg	G188-9
553958	Purified Hamster IgM, $\lambda 1$ Isotype Standard	0.5 mg	G235-1

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. 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.
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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