

Technical Data Sheet

Purified Mouse Anti-Rat IgM

Product Information

Material Number:	553885
Size:	0.5 mg
Concentration:	0.5 mg/ml
Clone:	G53-238
Immunogen:	Pooled Rat Ig
Isotype:	Mouse IgG1, κ
Reactivity:	QC Testing: Rat
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The G53-238 antibody reacts specifically with rat IgM monomers and pentamers. It does not react with other Ig isotypes. G53-238 antibody has not been shown to stimulate B-cell proliferation.

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
Flow cytometry	Routinely Tested

Recommended Assay Procedure:

For the sandwich rat IgM ELISA, purified G53-238 mAb may be used for capture with biotin-conjugated G53-238 mAb (Cat. No. 553886) for detection. For flow cytometric detection of intracytoplasmic IgM, we recommend FITC-conjugated G53-238 mAb (Cat. No. 553887).

Suggested Companion Products

Catalog Number	Name	Size	Clone
553886	Biotin Mouse Anti-Rat IgM	0.5 mg	G53-238
553887	FITC Mouse Anti-Rat IgM	0.5 mg	G53-238
557273	Purified Mouse IgG1, κ Isotype Control	0.5 mg	MOPC-31C
554001	FITC Goat Anti-Mouse Ig	0.5 mg	Polyclonal

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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