

Technical Data Sheet

PE Rat Anti-Mouse IgM

Product Information

Material Number:	553409
Size:	0.2 mg
Concentration:	0.2 mg/ml
Clone:	R6-60.2
Immunogen:	Pooled Mouse Ig
Isotype:	Rat (LOU) IgG2a, κ
Reactivity:	QC Testing: Mouse
Storage Buffer:	Aqueous buffered solution containing $\leq 0.09\%$ sodium azide.

Description

The R6-60.2 antibody reacts specifically with mouse IgM of Igh-C[a] and Igh-C[b] haplotypes. It does not react with other Ig isotypes. R6-60.2 antibody has not been shown to stimulate B-cell proliferation.

This antibody is routinely tested by flow cytometric analysis. Other applications were tested at BD Biosciences Pharmingen during antibody development only or reported in the literature.

Preparation and Storage

The monoclonal antibody was purified from tissue culture supernatant or ascites by affinity chromatography.

The antibody was conjugated with R-PE under optimum conditions, and unconjugated antibody and free PE were removed by gel filtration chromatography.

Store undiluted at 4° C and protected from prolonged exposure to light. Do not freeze.

Application Notes

Application

Flow cytometry	Routinely Tested
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Recommended Assay Procedure:

PE-conjugated R6-60.2 mAb may be used as a primary or secondary reagent in immunofluorescent staining. For flow cytometric detection of intracytoplasmic IgM, we recommend FITC-conjugated mAb II/41 (Cat. No. 553437).

Suggested Companion Products

Catalog Number	Name	Size	Clone
553930	PE Rat IgG2a, κ Isotype Control	0.1 mg	R35-95
553437	FITC Rat Anti-Mouse IgM	0.5 mg	II/41

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.

References

BD Biosciences Pharmingen. Unpublished results. (Immunogen)

BD Biosciences

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