

Technical Data Sheet

Biotin Rat IgM, κ Isotype Control**Product Information**

Material Number:	553941
Size:	0.25 mg
Concentration:	0.5 mg/ml
Clone:	R4-22
Immunogen:	Pooled Mouse Ig
Isotype:	Rat IgM, κ
Storage Buffer:	Aqueous buffered solution containing ≤0.09% sodium azide.

Description

The R4-22 antibody has unknown specificity.

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 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**

Flow cytometry	Routinely Tested
Isotype control	Routinely Tested

Recommended Assay Procedure:

For immunohistochemical staining, we recommend the use of biotinylated R4-22 mAb in our special formulation for immunohistochemistry, Cat. No. 550343.

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.
4. An isotype control should be used at the same concentration as the antibody of interest.

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