

Technical Data Sheet

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

Material Number:	550342
Size:	1.0 ml
Concentration:	250 μ g/ml
Clone:	R4-22
Immunogen:	Pooled Mouse Ig
Isotype:	Rat IgM, κ
Storage Buffer:	Aqueous buffered solution containing BSA, goat serum, and $\leq 0.09\%$ sodium azide.

Description

The R4-22 antibody has unknown specificity.

Preparation and Storage

Store undiluted at 4°C.

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

Application Notes**Application**

Isotype control	Routinely Tested
Flow cytometry	Routinely Tested
ELISA	Routinely Tested
Immunohistochemistry-frozen	Tested During Development
Immunohistochemistry-paraffin	Tested During Development
Immunohistochemistry-zinc-fixed	Tested During Development

Recommended Assay Procedure:

This antibody has been tested by ELISA (~ 2 μ g/ml), and Flow cytometry to assure specificity and reactivity.

For immunohistochemical staining of acetone-fixed frozen sections or paraffin embedded, a dilution range of 1:12.5 - 1:50 is suggested.

Suggested Companion Products

Catalog Number	Name	Size	Clone
559148	Antibody Diluent for IHC	125 ml	(none)
550946	Streptavidin HRP	50 ml	(none)
550880	DAB Substrate Kit	500 tests	(none)

Product Notices

1. Since applications vary, each investigator should titrate the reagent to obtain optimal results.
2. 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.
3. Source of all serum proteins is from USDA inspected abattoirs located in the United States.
4. This antibody has been developed for the immunohistochemistry application. However, a routine immunohistochemistry test is not performed on every lot. Researchers are encouraged to titrate the reagent for optimal performance.
5. Please refer to www.bdbiosciences.com/pharmingen/protocols for technical protocols.

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