Rabbit Anti-Human IgM (Mu chain) FITC-Conjugated

IgM-FITC

F009

**This data sheet is applicable to all sizes (volume) of product.
Actual volume is indicated on vial.

Document #: DS-7007-D
Effective Date: 10/20/2026

Catalog Number	Description
F009	Concentrated antibody

Intended Use
For In Vitro Diagnostic Use.

Summary and Explanation
This antibody reacts with the Mu chain of human IgM. Traces of contaminating antibodies have been removed by solid phase absorption with human plasma proteins. This antibody is well suited for tissue section staining but may also be used for other applications.

Immunogen
IgM isolated from the serum of a patient with Waldenstorm's macroglobulinaemia.

Format
Purified immunoglobulin fraction of rabbit antiserum conjugated with fluorescein isothiocynate isomer 1, containing sodium azide as a preservative.

Principles of the Procedures
This product is intended for qualitative immunofluorescence with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections to be viewed under fluorescent microscopy. Clinical interpretation of staining results should be accompanied by histological studies with proper controls. Patients' clinical histories and other relevant diagnostic tests should be utilized by a qualified person(s) when evaluating and interpreting results.

Materials Required But Not Provided
Some of the reagents and materials required for immunofluorescence are not provided. Control reagents and other ancillary reagents are available from Diagnostic BioSystems. Please refer to the Diagnostic BioSystems website at www.dbiosys.com

Storage and Handling
Store at 2-8°C. Antibody is light sensitive and must be stored in the dark. This antibody is suitable for use until the expiration date when stored at 2-8°C. Do not use product after the expiration date printed on vial. If reagents are stored under conditions other than those specified here, they must be verified by the user. Diluted reagents should be used promptly. Unused portions of antibody preparation should be discarded after one day.

The presence of precipitate or an unusual odor indicates that the antibody is deteriorating and should not be used.
If unexpected staining is observed, which cannot be explained by variations in laboratory procedures, and a problem with the antibody is suspected, contact Diagnostic BioSystems Technical Support at (925) 484- 3350, extension 2 or techsupport@dbiosys.com.

Precautions
This product is a single-use, non-sterile, in vitro diagnostic device.
This antibody contains less than 0.1% sodium azide. Concentrations less than 0.1% are not reportable hazardous materials according to U.S. 29 CFR 1910.1200, OSHA Hazard Communication and EC Directive 91/155/EC. Sodium azide (NaN3) used as a preservative is toxic if ingested. Sodium azide may react with lead and copper plumbing to form highly explosive metal azides. Upon disposal, flush with large volumes of water to prevent azide build-up in plumbing. (Center for Disease Control, 1976, National Institute of Occupational Safety and Health, 1976). Specimens, before and after fixation and all materials exposed to them, should be handled as if capable of transmitting infection and disposed of with proper precautions. Never pipette reagents by mouth and avoid contacting the skin and mucous membranes with reagents and specimens. If reagents or specimens come in contact with sensitive areas, wash with copious amounts of water. Microbial contamination of reagents may result in an increase in nonspecific staining. Incubation times or temperatures other than those specified may give erroneous results. The user must validate any such change. The MSDS is available upon request.

Staining Procedure
Refer to the following table for conditions specifically recommended for this antibody.

Parameter	Diagnostic Biosystems Recommendations
Pretreatment for FFPE tissue	Proteinase K 30 min@37°C
Concentrated Dilution	1:20-1:40
Incubation Time & Temperature	30-60 min @ RT

Troubleshooting
Contact Diagnostic BioSystems Technical Support at (925) 484-3350, extension 2, techsupport@dbiosys.com or your local distributor to report unusual staining.

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