# Mouse IgM Cross-Adsorbed Antibody

BETHYL LABORATORIES, INC | FORTIS LIFE SCIENCES

Goat Polyclonal Conjugate DyLight® 800

Antigen Affinity Purified

Catalog No. A90-201D8

Lot No. 12

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|---|---|
| **APPLICATIONS** | IHC, ICC, Flow Cyt, IF |
| **SPECIES REACTIVITY** | Mouse. Minimum reactivity to human and rat |
| **AMOUNT** | 1 ml |
| **CONCENTRATION** | 0.5 mg/ml |
| **STORAGE/SHELF LIFE** | 2 - 8°C / 1 year from date of receipt |
| **PHYSICAL STATE** | Liquid |
| **BUFFER** | Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide |
| **FLUOROPHORE/PROTEIN** | 4.5 |
| **ISOTYPE** | IgG |
| **ORIGIN** | USA |

**PRODUCTION PROCEDURES**

Antiserum was solid phase adsorbed to ensure class specificity. Antiserum was cross adsorbed using human and rat immunosorbents to remove cross reactive antibodies. The antibody to mouse IgM was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 800.

Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.

By immunoelectrophoresis and ELISA this antibody reacts specifically with mouse IgM. Cross reactivity with IgA and IgG is negligible. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to human and rat IgM was detected. This antibody may cross react with IgM from other species.

**APPLICATIONS**

Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.

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|---|---|
| Immunohistochemistry | 1:50 - 1:500 |
| Immunocytochemistry | 1:50 - 1:500 |
| Flow Cytometry | 1:50 - 1:200 |
| Immunofluorescence | 1:50 - 1:500 |

**APPLICATION NOTES**

Not all listed applications have been specifically tested by our laboratory.

DyLight® 800 is excited at 770 (in PBS) and emits at 794 (in PBS).

DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

**ADDITIONAL INFO**

https://www.fortislife.com/p/A90-201D8

Use the link above to view SDS, a current list of citations, and other product specific information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Michael Spencer, PhD Date: September 3, 2024



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