

Mouse IgM Cross-Adsorbed Antibody

Goat Polyclonal Conjugate DyLight® 650

Antigen Affinity Purified

Catalog No. A90-201D5

Lot No. 15

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 4.1

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® 650.

Immunoglobulin concentration was determined using Beer's Law where 1 mg/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.

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® 650 is excited at 652 (in PBS) and emits at 672 (in PBS). DyLight® 650 replaces DyLight® 649.

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

ADDITIONAL INFO <https://www.fortislife.com/p/A90-201D5>

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: February 14, 2024