Human IgM cross-adsorbed Antibody

Goat Polyclonal Conjugate DyLight® 594

Antigen Affinity Purified Catalog No. A80-200D4 Lot No. A80-200D4-4

APPLICATIONS IHC, ICC, F, IF

SPECIES REACTIVITY Human. Minimum reactivity to mouse and rat

AMOUNT

CONCENTRATION 0.5 ma/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 6.1 **ISOTYPE** IqG USA **ORIGIN**

PRODUCTION PROCEDURES

Antiserum was solid phase adsorbed to ensure class specificity. Antiserum was cross adsorbed using mouse and rat immunosorbents to remove cross reactive antibodies. The antibody to human IqM was isolated by affinity chromatography using antigen coupled to

agarose beads and conjugated to DyLight® 594.

Antibody concentration was determined by extinction coefficient: absorbance at 280 nm of

1.4 equals 1.0 mg of IgG.

By immunoelectrophoresis and ELISA this antibody reacts specifically with human IgM. Cross reactivity with IgA and IgG is negligible. No antibody was detected against nonimmunoglobulin serum proteins. Less than 1% cross reactivity to mouse 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 - 1:500Flow Cytometry 1:50 - 1:200

Immunofluorescence 1:50 - 1:500

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

DvLight[®] 594 is excited at 593 (in PBS) and emits at 618 (in PBS).

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

ADDITIONAL INFO https://www.bethyl.com/product/A80-200D4

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. Brian McWilliams, PhD Date: January 13, 2021



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