Human IgG-heavy and light chain Antibody

Rabbit Polyclonal Conjugate DyLight® 594

Antigen Affinity Purified Catalog No. A80-118D4 Lot No. A80-118D4-4

APPLICATIONS IHC, ICC, F, IF

SPECIES REACTIVITY Human **AMOUNT** 1 ml

CONCENTRATION 0.5 ma/ml

2 - 8° C / 1 year from date of receipt STORAGE/SHELF LIFE

PHYSICAL STATE Liquid

BUFFER Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide

FLUOROPHORE/PROTEIN 4.1 **ISOTYPE** IqG USA **ORIGIN**

PRODUCTION The antibody was isolated by affinity chromatography using antigen coupled to agarose

PROCEDURES 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 IgG and with light chains common to other human immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. This antibody may cross react with IgG 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® 594 is excited at 593 (in PBS) and emits at 618 (in PBS).

DvLight[®] is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

ADDITIONAL INFO https://www.bethyl.com/product/A80-118D4

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: March 15, 2021

