

Goat IgG Heavy and Light Chain Antibody

Rabbit Polyclonal Conjugate DyLight® 594

Antigen Affinity Purified

Catalog No. A50-100D4

Lot No. 4

APPLICATIONS IHC, ICC, Flow Cyt, IF

SPECIES REACTIVITY Goat

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 0.09% Sodium Azide

FLUOROPHORE/PROTEIN 6.7

ISOTYPE IgG

ORIGIN USA

PRODUCTION PROCEDURES The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 594.

Prior to conjugation, 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 goat IgG and with light chains common to other goat 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 1:100 – 1:500

Immunocytochemistry 1:100 – 1:500

Flow Cytometry 1:50 – 1:200

Immunofluorescence 1:100 – 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).

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

ADDITIONAL INFO Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD Date: August 15, 2024