

Human IgG Heavy and Light Chain Cross-Adsorbed Antibody

Goat Polyclonal Conjugate DyLight® 594

Antigen Affinity Purified

Catalog No. A80-219D4

Lot No. 6

APPLICATIONS	IHC, ICC, Flow Cyt, IF
SPECIES REACTIVITY	Human. Minimum reactivity to bovine, chicken, horse, mouse, pig, rabbit 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	5.4
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antiserum was cross adsorbed using bovine, chicken, horse, mouse, pig, rabbit and rat immunosorbents to remove cross reactive antibodies. The antibody to human IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 594.

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 human IgG and with light chains common to other human immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to bovine, chicken, horse, mouse, pig, rabbit and rat IgG was detected. 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).

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: April 16, 2025