# Human IgG Heavy and Light Chain Cross-Adsorbed Antibody

Rabbit Polyclonal Conjugate DyLight® 550

Antigen Affinity Purified

Catalog No. A80-218D3

Lot No. 10

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| **APPLICATIONS** | IHC, ICC, Flow Cyt, IF |
| **SPECIES REACTIVITY** | Human. Minimum reactivity to mouse 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** | 6 |
| **ISOTYPE** | IgG |
| **ORIGIN** | USA |
| **PRODUCTION PROCEDURES** | Antiserum was cross adsorbed using mouse 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® 550.<br><br>Immunoglobulin concentration was determined using Beer's Law where 1mg/mL IgG has an A280 of 1.4.<br><br>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 mouse 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. |

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| Immunohistochemistry | 1:50 - 1:500 |
| Immunocytochemistry | 1:50 - 1:500 |
| Flow Cytometry | 1:50 - 1:200 |
| Immunofluorescence | 1:50 - 1:500 |

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| **APPLICATION NOTES** | Not all listed applications have been specifically tested by our laboratory.<br><br>DyLight® 550 is excited at 562 (in PBS) and emits at 576 (in PBS). DyLight® 550 replaces DyLight® 549.<br><br>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: October 1, 2024



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