

# Goat IgG-heavy and light chain cross-adsorbed Antibody

Rabbit Polyclonal  
Antigen Affinity Purified  
Catalog No. A50-200D3  
Lot No. A50-200D3-8

Conjugate DyLight® 550



**APPLICATIONS** IHC, ICC, F, IF  
**SPECIES REACTIVITY** Goat. Minimum reactivity to chicken, horse, human, mouse, pig 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 0.09% Sodium Azide  
**FLUOROPHORE/PROTEIN** 4.6  
**ISOTYPE** IgG  
**ORIGIN** USA  
**PRODUCTION PROCEDURES** Antiserum was cross adsorbed using chicken, horse, human, mouse, pig and rat immunosorbents to remove cross reactive antibodies. The antibody to goat IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 550.

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 goat IgG and with light chains common to other goat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 0.1% cross reactivity to chicken, horse, human, mouse, pig 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® 550 is excited at 562 (in PBS) and emits at 576 (in PBS). DyLight® 550 replaces DyLight® 549.

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

**ADDITIONAL INFO** <https://www.bethyl.com/product/A50-200D3>

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.  
Eric McIntush, PhD | Chief Scientific Officer Date: September 24, 2020

Bethyl Laboratories, Inc. • 25043 West FM 1097 • Montgomery, TX 77356 •  
800.338.9579 • 936.597.6111 • 866.597.6105 (FAX) • [www.bethyl.com](http://www.bethyl.com) • [technical@bethyl.com](mailto:technical@bethyl.com)

1

For in vitro laboratory use only. Not for any clinical, therapeutic or diagnostic use in humans or animals. Not for human or animal consumption. This product may not be resold or modified for resale without the prior written approval of Bethyl Laboratories, Inc. The information provided in this data sheet is believed to be correct but does not purport to be all-inclusive and is intended to be used as a guide. Bethyl Laboratories, Inc. shall not be liable or responsible in any way for use of either this information or the material supplied. Disposal of hazardous material may be subject to federal, state or local laws or regulations.