# Sheep IgG-heavy and light chain Antibody

Rabbit Polyclonal Conjugate DyLight® 550

Antigen Affinity Purified

Catalog No. A130-101D3

Lot No. A130-101D3-3

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|---|---|
| **APPLICATIONS** | IHC, ICC, F, IF |
| **SPECIES REACTIVITY** | Sheep |
| **ISOTYPE** | IgG |
| **AMOUNT** | 1 ml at 0.5 mg/ml |
| **STORAGE/SHELF LIFE** | 2 - 8° C / 1 year from date of receipt |
| **PHYSICAL STATE** | Liquid |
| **FLUOROPHORE/PROTEIN** | 5.1 |
| **BUFFER** | Phosphate Buffered Saline (PBS) containing 0.09% Sodium Azide |
| **ORIGIN** | USA |

**PRODUCTION PROCEDURES**

The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 550.

Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

By immunoelectrophoresis and ELISA this antibody reacts specifically with sheep IgG and with light chains common to other sheep 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.

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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 |

**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.

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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: December 3, 2018



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