

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

F(ab')<sub>2</sub> Donkey Polyclonal Conjugate DyLight® 550  
Antigen Affinity Purified  
Catalog No. A120-216D3  
Lot No. A120-216D3-12



|                              |  |
|------------------------------|--|
| <b>APPLICATIONS</b>          | IHC, ICC, F, IF  |
| <b>SPECIES REACTIVITY</b>    | Rabbit. Minimum reactivity to bovine, chicken, goat, human, mouse, rat and sheep   |
| <b>ISOTYPE</b>               | IgG  |
| <b>AMOUNT</b>                | 1 ml at 0.5 mg/ml  |
| <b>STORAGE/SHELF LIFE</b>    | 2 - 8° C / 1 year from date of receipt   |
| <b>PHYSICAL STATE</b>        | Liquid   |
| <b>FLUOROPHORE/PROTEIN</b>   | 5.5  |
| <b>BUFFER</b>                | Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide   |
| <b>ORIGIN</b>                | USA  |
| <b>PRODUCTION PROCEDURES</b> | Antiserum was cross adsorbed using bovine, chicken, goat, human, mouse, rat and sheep immunosorbents to remove cross reactive antibodies. The antibody to rabbit IgG was isolated by affinity chromatography using antigen coupled to agarose beads. F(ab') <sub>2</sub> fragments were generated using a pepsin digestion. Fc fragments and whole IgG molecules have been removed. Fragments were 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 rabbit IgG and with light chains common to other rabbit immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 1% cross reactivity to bovine, chicken, goat, human, mouse, rat and sheep 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/A120-216D3>  
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

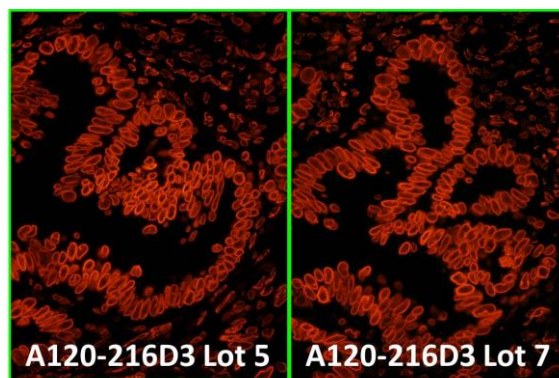
Date: March 8, 2019

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.



**Detection of human Lamin A/C by immunofluorescence.**

*Samples:* FFPE sections of human stomach carcinoma.

*Primary Antibody:* Affinity purified rabbit anti-Lamin A/C (Cat. No. A303-430A-1) used at a dilution of 1:1,000.

*Secondary Antibody:* Red-fluorescent F(ab')<sub>2</sub> donkey anti-rabbit IgG-heavy and light chain cross-adsorbed Antibody DyLight® 550 Conjugated A120-216D3 Lot 5 (left) and A120-216D3 Lot 7 (right) used at a dilution of 1:100 (5 µg/ml).