

# Rabbit IgA Heavy Chain Antibody

Goat Polyclonal Conjugate DyLight® 550

Antigen Affinity Purified

Catalog No. A120-109D3

Lot No. 5

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| <b>APPLICATIONS</b>          | IHC, ICC, Flow Cyt, IF                                                                                                                                                                      |
| <b>SPECIES REACTIVITY</b>    | Rabbit                                                                                                                                                                                      |
| <b>AMOUNT</b>                | 1 ml                                                                                                                                                                                        |
| <b>CONCENTRATION</b>         | 0.5 mg/ml                                                                                                                                                                                   |
| <b>STORAGE/SHELF LIFE</b>    | 2 – 8°C / 1 year from date of receipt                                                                                                                                                       |
| <b>PHYSICAL STATE</b>        | Liquid                                                                                                                                                                                      |
| <b>BUFFER</b>                | Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide                                                                                                                  |
| <b>FLUOROPHORE/PROTEIN</b>   | 4.8                                                                                                                                                                                         |
| <b>ISOTYPE</b>               | IgG                                                                                                                                                                                         |
| <b>ORIGIN</b>                | USA                                                                                                                                                                                         |
| <b>PRODUCTION PROCEDURES</b> | Antiserum was solid phase adsorbed to ensure class specificity. 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 rabbit IgA. This antibody may cross react with IgA 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** 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 25, 2023