## Rabbit IgG Heavy and Light Chain Antibody



Goat Polyclonal

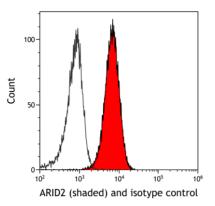
Conjugate DyLight<sup>®</sup> 488

| Antigen Affinity Purified |            |
|---------------------------|------------|
| Catalog No.               | A120-101D2 |
| Lot No.                   | 12         |

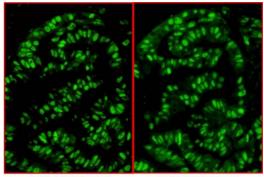
| Lot No. 12               |  |
|--------------------------|--|
| APPLICATIONS             | IHC, ICC, Flow Cyt, IF   |
| SPECIES REACTIVITY       | Rabbit   |
| AMOUNT                   | 1 ml   |
| CONCENTRATION            | 0.5 mg/ml  |
| STORAGE/SHELF LIFE       | 2 - 8°C / 1 year from date of receipt  |
| PHYSICAL STATE           | Liquid   |
| BUFFER                   | Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide   |
| FLUOROPHORE/PROTE        | N 7.4  |
| ISOTYPE                  | IgG  |
| ORIGIN                   | USA  |
| PRODUCTION<br>PROCEDURES | The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 488.  |
|                          | Prior to conjugation, immunoglobulin concentration was determined using Beer's Law where 1 mg/mL IgG has an A280 of 1.4.   |
|                          | By immunoelectrophoresis and ELISA this antibody reacts specifically with rabbit IgG and<br>with light chains common to other rabbit immunoglobulins. No antibody was detected<br>against non-immunoglobulin serum proteins. This antibody may cross react with IgG from<br>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® 488 is excited at 493 (in PBS) and emits at 518 (in PBS).   |
| ADDITIONAL INFO          | DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.<br>https://www.fortislife.com/p/A120-101D2<br>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. Michael Spencer, PhD Date: January 19, 2024

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Detection of human ARID2 (shaded) in Jurkat cells by flow cytometry. *Antibody:* Rabbit anti-ARID2 recombinant monoclonal antibody [BLR0213K] (A700-213) or isotype control (unshaded). *Secondary:* DyLight® 488-conjugated goat anti-rabbit IgG (A120-101D2).



A120-101D2 Lot 4

A120-101D2 Lot 5

Detection of human PCNA by immunofluorescence. Samples: FFPE sections of human stomach carcinoma. Primary Antibody: Affinity purified rabbit anti-PCNA (IHC-00012) used at a dilution of 1:100. Secondary Antibody: Green-fluorescent goat anti-rabbit IgG-heavy and light chain Antibody DyLight® 488 Conjugated A120-101D2 (left) and A120-101D2 (right) used at a dilution of 1:100 (5µg/ml). Counterstain: DAPI (blue)

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