

Rabbit IgG Heavy and Light Chain Antibody

Goat Polyclonal Conjugate DyLight® 488

Antigen Affinity Purified

Catalog No. A120-101D2

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/PROTEIN	7.4
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION 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 with light chains common to other rabbit 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.

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.

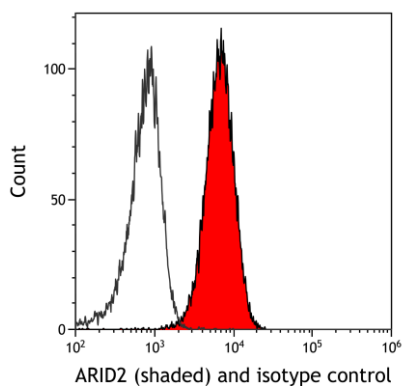
DyLight® 488 is excited at 493 (in PBS) and emits at 518 (in PBS).

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

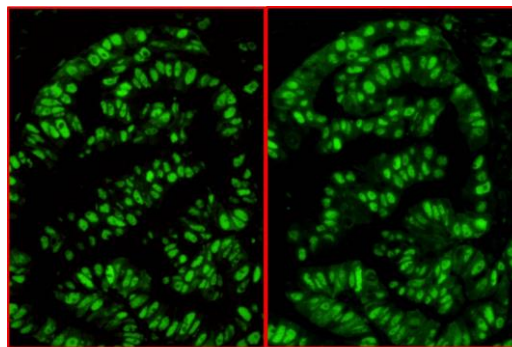
ADDITIONAL INFO <https://www.fortislife.com/p/A120-101D2>

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



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)