

Rabbit IgG Heavy and Light Chain Cross-Adsorbed Antibody

Goat Polyclonal Conjugate DyLight® 488

Antigen Affinity Purified

Catalog No. A120-201D2

Lot No. A120-201D2-14

APPLICATIONS WB, IHC, ICC, F, IF

SPECIES REACTIVITY . Minimum reactivity to bovine, chicken, horse, human, mouse, pig and rat

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 5.8

ISOTYPE IgG

ORIGIN USA

PRODUCTION PROCEDURES Antiserum was cross adsorbed using bovine, chicken, horse, human, mouse, pig and rat immunosorbents to remove cross reactive antibodies. The antibody to rabbit IgG was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 488.

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, horse, human, mouse, pig and rat 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.

Western Blot 1:1,000 – 1:20,000. 5% non-fat dry milk in PBST or TBST is recommended for blocking and incubation of antibodies. BSA is not recommended.

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).

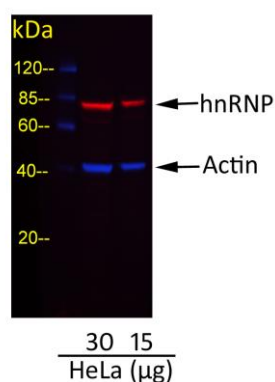
DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

ADDITIONAL INFO <https://www.bethyl.com/product/A120-201D2>

Use the link above to view SDS, a current list of citations, and other product specific information.

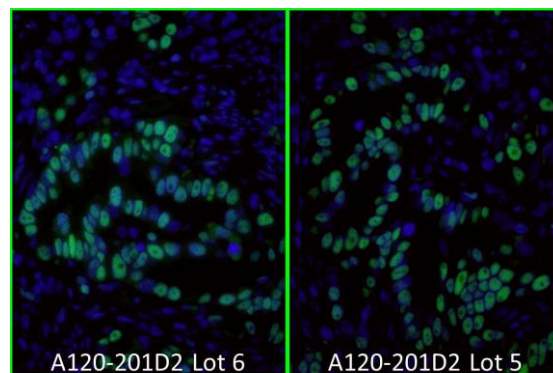
This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.
Michael Spencer, PhD

Date: December 22, 2021



Detection of Actin and hnRNP in HeLa Whole Cell Lysate.

Primary Antibodies: cocktail of rabbit anti-Actin A300-491A (A300-491A-5) and mouse anti-hnRNP A500-011A (A500-011A-1) at 1 µg/ml each. **Secondary Antibodies:** cocktail of Dylight® 488-conjugated goat anti-rabbit A120-201D2 (A120-201D2-5) (blue) and Dylight® 680-conjugated goat anti-mouse A90-516D6 (A90-516D6-1) (red) at 0.5 µg/ml each. Acquisition: Syngene G:Box, 6 seconds (blue) and 42 seconds (red).



Detection of human PCNA by immunofluorescence.

Sample: FFPE section of human stomach carcinoma. **Primary Antibody:** Affinity purified rabbit anti-PCNA (Cat. No. IHC-00012 Lot1) used at a dilution of 1:100. **Secondary Antibody:** Green-fluorescent goat anti-rabbit IgG-heavy and light chain, cross-adsorbed Antibody DyLight® 488 Conjugated (A120-201D2 Lot 6) used at a dilution of 1:100 (5µg/ml). **Counterstain:** DAPI (blue)