

Goat IgG-heavy and light chain cross-adsorbed Antibody

Rabbit Polyclonal
Antigen Affinity Purified
Catalog No. A50-200D2
Lot No. A50-200D2-14

Conjugate DyLight® 488



APPLICATIONS	WB, IHC, ICC, F, IF
SPECIES REACTIVITY	Goat. Minimum reactivity to 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 0.09% Sodium Azide
FLUOROPHORE/PROTEIN	6.5
ISOTYPE	IgG
ORIGIN	USA
PRODUCTION PROCEDURES	Antiserum was cross adsorbed using chicken, horse, human, mouse, pig and rat immunosorbents to remove cross reactive antibodies. The antibody to goat 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 goat IgG and with light chains common to other goat immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 0.1% cross reactivity to 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

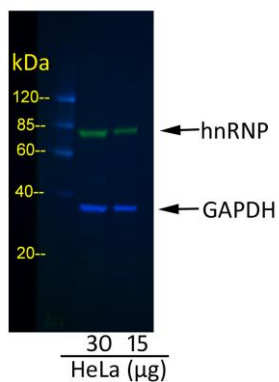
APPLICATION NOTES Not all listed applications have been specifically tested by our laboratory.

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/A50-200D2>

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

**Detection of GAPDH and hnRNP in HeLa Whole Cell**

Lysate. Primary Antibodies: cocktail of goat anti-GAPDH A303-878A (A303-878A-1) and mouse anti-hnRNP A500-011A (A500-011A-1) at 1 µg/ml each. **Secondary Antibodies:** cocktail of Dylight® 488-conjugated rabbit anti-goat A50-200D2 (A50-200D2-3) (blue) and Dylight® 800-conjugated rabbit anti-mouse A90-317D8 (A90-317D8-1) (green) at 0.5 µg/ml each. **Acquisition:** Syngene G:Box, 19 seconds (blue) and 82 seconds (green).