Goat IgG Heavy and Light Chain Cross-Adsorbed Antibody

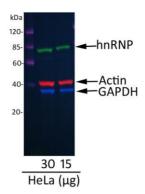


Antibody		
Donkey Polyclonal	Conjug	ate DyLight® 488
Antigen Affinity Purified		
Catalog No. A50-201D2		
Lot No. A50-201D2-14		
APPLICATIONS	WB, IHC, ICC, F, IF	
SPECIES REACTIVITY	Goat. Minimum reactivity to chicken, human, mouse, pig, rabbit and rat	
AMOUNT	1 ml	
CONCENTRATION	0.5 mg/ml	
STORAGE/SHELF 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	5.4	
ISOTYPE	IgG	
ORIGIN	USA	
PRODUCTION PROCEDURES	Antiserum was cross adsorbed using chicken, human, mouse, pig, rabbit 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 a light chains common to other goat immunoglobulins. No antibody was detected agai non–immunoglobulin serum proteins. Less than 1% cross reactivity to chicken, hum mouse, pig, rabbit 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).		
ADDITIONAL INFO	DyLight [®] is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. https://www.bethyl.com/product/A50-201D2	
		w SDS, a current list of citations, and other product specific information.

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Detection of hnRNP, Actin, and GAPDH in HeLa Whole Cell Lysate. *Primary Antibodies:* cocktail of mouse anti-hnRNP A500-011A (A500-011A-1), rabbit anti-actin A300-491A (A300-491A-5), and goat anti-GAPDH A303-878A (A303-878A-1) at 1 µg/ml each. *Secondary Antibodies:* cocktail of Dylight® 680-conjugated donkey anti-mouse A90-337D6-2 (A90-337D6-2) (green), Dylight® 800conjugated donkey anti-rabbit A120-208D8 (A120-208D8-1) (red), and Dylight® 488-conjugated donkey anti-goat A50-201D2 (A50-201D2-4) (blue) at 0.5 µg/ml each. *Acquisition:* Syngene G:Box, 73 seconds (green), 45 seconds (red), and 25 seconds (blue).

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