Chicken IgG (IgY)-heavy and light chain cross-adsorbed Antibody

Antibody						
Goat Polyclonal		Conjuga	te	DyLight [®] 488		
Antigen Affinity Purified						
Catalog No.	A30-20	06D2				BETHYL
Lot No.	A30-20)6D2-12	LABORATORIES, INC			
APPLICATIONS		IHC, ICC, F, IF				
SPECIES REACTIVITY		Chicken. Minimum reactivity to bovine, horse, 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 0.2% BSA and 0.09% Sodium Azide				
FLUOROPHORE/PROTEIN		6.4				
ISOTYPE		IgG				
ORIGIN		USA				
PRODUCTION PROCEDURES		Antiserum was cross adsorbed using bovine, horse, human, mouse, pig, rabbit and rat immunosorbents to remove cross reactive antibodies. The antibody to chicken 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.				
APPLICATIONS		By immunoelectrophoresis and ELISA this antibody reacts specifically with chicken IgG and with light chains common to other chicken immunoglobulins. No antibody was detected against non-immunoglobulin serum proteins. Less than 0.1% cross reactivity to bovine, horse, human, mouse, pig, rabbit and rat IgG was detected. This antibody may cross react with IgG from other species.				
		Centrifuge tube to remove product from lid. Optimal working dilutions should be determined experimentally by the investigator. Prepare working dilution immediately before use.				
		Immunohistochemistry	1:5	0 - 1:500		
		Immunocytochemistry	1:5	0 - 1:500		
		Flow Cytometry	1:5	0 - 1:200		
		Immunofluorescence	1:5	0 – 1:500		
APPLICATION N	OTES	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/A30-206D2 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. Brian McWilliams, PhD Date: March 10, 2021

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