Rat IgG Heavy and	Light Chain	Cross-Adsorbed
Antibody		



Antibody				
Goat Polyclona	.I	Conjugate DyLight® 488		
Antigen Affinity Purified				
Catalog No.	A110-3	-305D2		
Lot No.	A110-3	305D2-14		
APPLICATIONS		IHC, ICC, Flow Cyt, IF		
SPECIES REACTIVITY Rat. Minimum reactivity to bovine, chicken, human, mouse, rab		Rat. Minimum reactivity to bovine, chicken, human, mouse, rabbit and sheep		
AMOUNT 1 ml		1 ml		
CONCENTRATION 0.5 mg		0.5 mg/ml		
STORAGE/SHELF	RAGE/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 7.1				
ISOTYPE IgG		IgG		
ORIGIN		USA		
PROCEDURES imm by a		Antiserum was cross adsorbed using bovine, chicken, human, mouse, rabbit and sheep immunosorbents to remove cross reactive antibodies. The antibody to rat 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 rat IgG and with light chains common to other rat immunoglobulins. No antibody was detected against non- immunoglobulin serum proteins. Less than 1% cross reactivity to bovine, chicken, human, mouse, rabbit and sheep 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.		
		Immunohistochemistry 1:50 – 1:500		
		Immunocytochemistry 1:50 – 1:500		
		Flow Cytometry 1:50 – 1:200		
		Immunofluorescence 1:50 – 1:500		
APPLICATION NOTES	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 INI	FO	DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. https://www.fortislife.com/p/A110-305D2 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: August 22, 2022

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