Rat IgG-heavy and light chain cross-adsorbed Antibody

Rabbit Polyclona Antigen Affinity Catalog No.		njugate DyLight® 488	BETHYL	
APPLICATIONS IHC, ICC, F, IF			LABORATORIES, INC	
SPECIES REACTIV		Rat. Minimum reactivity to bovine, horse, human, mouse and sheep		
ISOTYPE		IgG		
AMOUNT 1 ml at 0.5 mg		nl		
-		r from date of receipt		
PHYSICAL STATE	Liquid	Liquid		
FLUOROPHORE/PROTEIN 5				
BUFFER	Phosphate Buffered S	Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide		
ORIGIN	USA	USA		
PRODUCTION PROCEDURES	remove cross reactiv	Antiserum was cross adsorbed using bovine, horse, human, mouse & 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.		
	chains common to o immunoglobulin ser	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, horse, human, mouse & 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.		
	Immunohistochemis	stry 1:50 – 1:500		
	Immunocytochemist	try 1:50 – 1:500		
	Flow Cytometry	1:50 - 1:200		
	Immunofluorescenc	e 1:50 – 1:500		
APPLICATION NO	Not all listed applica	tions have been specifically tested by our	r laboratory.	
	DyLight® 488 is exci	DyLight® 488 is excited at 493 (in PBS) and emits at 518 (in PBS).		
	DyLight® is a tradem	DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.		
ADDITIONAL INFO https://www.bethyl.com/product/A110-322D2 Use the link above to view SDS, a current list of citations, and other product specific info			other product specific information.	

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.Eric McIntush, PhD | Chief Scientific OfficerDate: December 3, 2018

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