## Rat IgM Cross-Adsorbed Antibody



Goat Polyclonal		Conjugate	DyLight <sup>®</sup> 488	LABORATORIES, INC I LIFE SCIENCES
Antigen Affinity Purified				
Catalog No. A110-2				
Lot No. A110-200D2-10				
APPLICATIONS		IHC, ICC, Flow Cyt, IF		
SPECIES REACTIVITY		Rat. Minimum reactivity to human and mouse		
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				
ISOTYPE		IgG		
ORIGIN		USA		
PRODUCTION PROCEDURES		Antiserum was solid phase adsorbed to ensure class specificity. Antiserum was cross adsorbed using human and mouse immunosorbents to remove cross reactive antibodies. The antibody to rat IgM 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 IgM. Cross reactivity with IgA and IgG is negligible. No antibody was detected against non- immunoglobulin serum proteins. Less than 1% cross reactivity to human and mouse IgM 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 1:5	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	e been specifically tes	ted 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.fortislife.com/p/A110-200D2 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: February 10, 2023

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