## Human IgM Cross-Adsorbed Antibody



Goat Polyclonal Antigen Affinity Purified Catalog No. A80-200D3 Lot No. 12

Lot No.	12	
APPLICATIONS		IHC, ICC, Flow Cyt, IF
SPECIES REACTIN	/ITY	Human. Minimum reactivity to mouse and rat
AMOUNT		1 ml
CONCENTRATIO	N	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/I	PROTEIN	5.2
ISOTYPE		IgG
ORIGIN		USA
PRODUCTION PROCEDURES		Antiserum was solid phase adsorbed to ensure class specificity. Antiserum was cross adsorbed using mouse and rat immunosorbents to remove cross reactive antibodies. The antibody to human IgM was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 550.
		Immunoglobulin concentration was determined using Beer's Law where $1 mg/mL$ IgG has an A280 of 1.4.
		By immunoelectrophoresis and ELISA this antibody reacts specifically with human IgM. Cross reactivity with IgA and IgG is negligible. No antibody was detected against non- immunoglobulin serum proteins. Less than 1% cross reactivity to mouse and rat IgM was detected. This antibody may cross react with IgM 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 NO	OTES	Not all listed applications have been specifically tested by our laboratory.
		DyLight® 550 is excited at 562 (in PBS) and emits at 576 (in PBS). DyLight® 550 replaces DyLight® 549.
ADDITIONAL INF	÷0	DyLight <sup>®</sup> is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries. https://www.fortislife.com/p/A80-200D3 Use the link above to view SDS, a current list of citations, and other product specific information.

Conjugate DyLight<sup>®</sup> 550

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc. Michael Spencer, PhD Date: November 20, 2023