

# Human IgM Antibody

Rabbit Polyclonal  
Antigen Affinity Purified  
Catalog No. A80-101D3  
Lot No. A80-101D3-3

Conjugate DyLight® 550



**APPLICATIONS** IHC, ICC, F, IF  
**SPECIES REACTIVITY** Human  
**ISOTYPE** IgG  
**AMOUNT** 1 ml at 0.5 mg/ml  
**STORAGE/SHELF LIFE** 2 - 8° C / 1 year from date of receipt  
**PHYSICAL STATE** Liquid  
**FLUOROPHORE/PROTEIN** 5  
**BUFFER** Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide  
**ORIGIN** USA  
**PRODUCTION PROCEDURES** Antiserum was solid phase adsorbed to ensure class specificity. The antibody was isolated by affinity chromatography using antigen coupled to agarose beads and conjugated to DyLight® 550.

Antibody concentration was determined by extinction coefficient prior to conjugation: absorbance at 280 nm of 1.4 equals 1.0 mg of IgG.

By immunoelectrophoresis and ELISA this antibody reacts specifically with human IgM. Cross reactivity with other immunoglobulins and light chains is less than 0.1%. 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 NOTES** 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.

DyLight® is a trademark of Thermo Fisher Scientific Inc. and its subsidiaries.

A

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.

Eric McIntush, PhD | Chief Scientific Officer

Date: December 3, 2018