

# Human IgM–Fc Fragment Antibody

Goat Polyclonal Conjugate DyLight® 488

Antigen Affinity Purified

Catalog No. A80–100D2

Lot No. 5

---

|                              |   |
|------------------------------|---|
| <b>APPLICATIONS</b>          | IHC, ICC, Flow Cyt, IF  |
| <b>SPECIES REACTIVITY</b>    | Human   |
| <b>AMOUNT</b>                | 1 ml  |
| <b>CONCENTRATION</b>         | 0.5 mg/ml   |
| <b>STORAGE/SHELF LIFE</b>    | 2 – 8°C / 1 year from date of receipt   |
| <b>PHYSICAL STATE</b>        | Liquid  |
| <b>BUFFER</b>                | Phosphate Buffered Saline (PBS) containing 0.2% BSA and 0.09% Sodium Azide  |
| <b>FLUOROPHORE/PROTEIN</b>   | 5.1   |
| <b>ISOTYPE</b>               | IgG   |
| <b>ORIGIN</b>                | USA   |
| <b>PRODUCTION PROCEDURES</b> | 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® 488. |

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 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® 488 is excited at 493 (in PBS) and emits at 518 (in PBS).

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

**ADDITIONAL INFO** Please visit our website for additional product information.

This document certifies that this product has met all of the quality control standards defined by Bethyl Laboratories, Inc.  
Michael Spencer, PhD Date: October 25, 2023